

PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA
1230 PM PDT MAY 3 2010

...SOUTHWESTERN CALIFORNIA 2009 YEAR IN REVIEW...

FOR THE FOURTH CALENDAR YEAR IN A ROW...PRECIPITATION WAS BELOW NORMAL IN DOWNTOWN LOS ANGELES AND JUST ABOUT ALL OF SOUTHWESTERN CALIFORNIA. THERE HAVE NOT BEEN FOUR CONSECUTIVE BELOW NORMAL CALENDAR YEARS IN DOWNTOWN LOS ANGELES SINCE THE PERIOD FROM 1987 TO 1990. RAINFALL IN DOWNTOWN LOS ANGELES TOTALLED 9.39 INCHES IN 2009...OR 62 PERCENT OF NORMAL. ACROSS MOST OF SOUTHWESTERN CALIFORNIA...RAINFALL AVERAGED 50 TO 70 PERCENT OF NORMAL FOR THE YEAR...EXCEPT BETWEEN 30 AND 50 PERCENT OF NORMAL IN THE MOUNTAINS AND DESERTS.

*******JANUARY 2009*******

JANUARY WAS A VERY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. ALL AREAS RECEIVED WELL BELOW NORMAL RAINFALL...GENERALLY ON THE ORDER OF 10 TO 20 PERCENT OF NORMAL FOR THE MONTH. BEFORE JANUARY...SEASON TO DATE RAINFALL HAD BEEN NEAR NORMAL TO SOMEWHAT ABOVE NORMAL ACROSS SANTA BARBARA...VENTURA AND LOS ANGELES COUNTIES...AND ABOUT HALF OF NORMAL ACROSS SAN LUIS OBISPO COUNTY. AFTER THE DRY MONTH...SEASON TO DATE RAINFALL FELL TO BELOW NORMAL LEVELS IN ALL AREAS...GENERALLY DOWN TO 50 TO 75 PERCENT OF NORMAL...EXCEPT 25 TO 45 PERCENT OF NORMAL ACROSS SAN LUIS OBISPO COUNTY AND IN THE MOUNTAINS.

TEMPERATURES WERE WELL ABOVE NORMAL ACROSS LOS ANGELES AND VENTURA COUNTIES...AVERAGING 3 TO 6 DEGREES ABOVE NORMAL FOR THE MONTH...EXCEPT 1 TO 3 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND DESERTS. ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...TEMPERATURES AVERAGED NEAR NORMAL TO ABOUT 2 DEGREES ABOVE NORMAL. THANKS TO AN UPPER LEVEL RIDGE AND OFFSHORE FLOW...A LONG STRETCH OF WARM AND DRY WEATHER OCCURRED DURING THE MIDDLE OF THE MONTH...WITH TEMPERATURES MOST SIGNIFICANTLY ABOVE NORMAL IN COASTAL AND VALLEY AREAS OF LOS ANGELES AND VENTURA COUNTIES. IN COASTAL SECTIONS OF SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...AND IN MOST OF THE VALLEYS IN VENTURA COUNTY AND WESTERN LOS ANGELES COUNTY...TEMPERATURES SQUEAKED DOWN TO AROUND FREEZING OR JUST A DEGREE OR TWO BELOW ON ONE OR TWO DAYS.

A WEAKENING AND DRY COLD FRONT MOVED THROUGH THE REGION ON THE 5TH. BEHIND THIS FRONT...SOME GUSTY NORTHWEST WINDS AFFECTED THE MOUNTAINS OF LOS ANGELES...VENTURA AND SANTA BARBARA COUNTIES...AS WELL AS THE ADJACENT SOUTH COAST OF SANTA BARBARA COUNTY. WIND GUSTS GENERALLY REACHED 35 TO 45 MPH IN THESE AREAS. AT CAMARILLO AIRPORT...LOW TEMPERATURES OF 33 DEGREES ON THE 5TH AND 35 DEGREES ON THE 6TH TIED RECORDS FOR THEIR RESPECTIVE DATES.

ON THE 8TH AND 9TH...A STRONG SURFACE HIGH BUILT INTO THE GREAT BASIN...CAUSING GUSTY NORTH TO NORTHEAST WINDS TO DEVELOP ACROSS MOST OF VENTURA AND LOS ANGELES COUNTIES. THE WEATHER PATTERN PERSISTED FOR ABOUT THE NEXT 10 DAYS...BRINGING A PROLONGED PERIOD OF GUSTY SANTA ANA WINDS AND DRY CONDITIONS. DUE TO THE STRONG WINDS AND VERY LOW RELATIVE HUMIDITIES...RED FLAG WARNINGS WENT INTO EFFECT FOR VENTURA AND MOST OF LOS ANGELES COUNTIES ON THE 9TH...AND REMAINED IN EFFECT THROUGH TUESDAY THE 12TH. IN THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES...RED FLAG WARNINGS REMAINED IN EFFECT THROUGH SATURDAY THE 18TH...WHILE IN COASTAL AND VALLEY AREAS...ADDITIONAL RED FLAG WARNINGS WERE ISSUED ON THE 16TH AND 17TH.

PEAK WIND GUSTS ON THE 9TH INCLUDED 71 MPH AT CHILAO...67 MPH AT WILEY RIDGE...60 MPH AT MALIBU HILLS...59 MPH AT CAMP NINE...58 MPH AT CHEESEBORO...57 MPH AT WARM SPRINGS AND CLEAR CREEK...51 MPH AT MILL CREEK...50 MPH AT SAUGUS AND NEWHALL PASS...48 MPH AT LAGUNA PEAK...47 MPH AT LEO CARRILLO BEACH...46 MPH AT CAMARILLO AND 41 MPH AT POINT MUGU.

ON THE 10TH...PEAK WIND GUSTS INCLUDED 72 MPH AT NEWHALL PASS...66 MPH AT WILEY RIDGE...65 MPH AT CAMP NINE...64 MPH AT CHILAO...62 MPH AT MALIBU HILLS AND CHEESEBORO...60 MPH AT CHILAO...59 MPH AT WHITAKER PEAK...55 MPH AT MILL CREEK...53 MPH AT WHITAKER PEAK AND 41 MPH IN SIMI VALLEY.

ALTHOUGH WINDS WERE SOMEWHAT WEAKER ON THE 11TH...THEY INCREASED AND BECAME MORE WIDESPREAD ON THE 12TH INTO THE 13TH. DURING THAT TIME...PEAK WIND GUSTS INCLUDED 93 MPH AT LAGUNA PEAK...75 MPH AT WILEY RIDGE...65 MPH AT MALIBU HILLS...64 MPH AT WHITAKER PEAK AND CHILAO...62 MPH AT CAMP NINE...58 MPH AT WARM SPRINGS...54 MPH AT LEO CARRILLO BEACH...53 MPH AT NEWHALL PASS...47 MPH AT CHEESEBORO...45 MPH AT SIMI VALLEY...44 MPH AT POINT MUGU AND 43 MPH AT CAMARILLO. ON THE 14TH AND 15TH...STRONG WINDS WERE CONFINED MAINLY TO THE MOUNTAINS...WITH STRONGEST GUSTS MOSTLY IN THE 35 TO 45 MPH RANGE.

THE COMBINATION OF A STRONG HIGH PRESSURE SYSTEM ALOFT AND OFFSHORE FLOW BROUGHT WARM WEATHER TO AREAS WEST OF THE MOUNTAINS DURING THE MIDDLE OF THE MONTH. MANY RECORD HIGH TEMPERATURES WERE SET FROM THE 11TH THROUGH THE 15TH.

ON THE 11TH...A DAILY RECORD HIGH TEMPERATURE OF 85 DEGREES WAS SET AT UCLA...WHILE DAILY RECORDS OF 84 DEGREES WERE TIED AT CAMARILLO AIRPORT AND AT THE NATIONAL WEATHER SERVICE OFFICE IN OXNARD. THE HIGH OF 71 DEGREES AT PASO ROBLES ALSO TIED THE RECORD FOR THE DAY. ON THE 12TH...NEW RECORDS INCLUDED 88 DEGREES AT DOWNTOWN LOS ANGELES...87 DEGREES AT LONG BEACH AIRPORT AND BURBANK AIRPORT...AND 86 DEGREES AT UCLA AND WFO OXNARD. ON THE 13TH...MORE RECORD HIGH TEMPERATURES WERE SET INCLUDING 86 DEGREES AT LONG BEACH AIRPORT...85 DEGREES AT WFO OXNARD...83 DEGREES IN UCLA AND 78 DEGREES IN PASO ROBLES. IN SANTA MARIA...THE HIGH TEMPERATURE OF 87 DEGREES BROKE THE RECORD FOR THE DAY BY 9 DEGREES. IT ALSO SET A NEW RECORD FOR THE MONTH OF JANUARY...BREAKING THE OLD RECORD OF 86 DEGREES SET ON JANUARY 16TH 1976. ON THE 14TH...A DAILY RECORD HIGH OF 89 DEGREES WAS SET AT WFO OXNARD...WHILE A RECORD OF 88 DEGREES WAS SET AT CAMARILLO. BOTH READINGS REPRESENTED THE SECOND WARMEST JANUARY DAY EVER AT EACH LOCATION. ALSO ON THE 14TH...RECORDS WERE SET AT PASO ROBLES AND SAN LUIS OBISPO CAL POLY...WITH HIGHS OF 77 DEGREES AND 83 DEGREES RESPECTIVELY. RECORDS ON THE 15TH INCLUDED 85 DEGREES IN DOWNTOWN LOS ANGELES...76 DEGREES AT PASO ROBLES...AND A RECORD-TYING HIGH OF 81 DEGREES AT SAN LUIS OBISPO CAL POLY. ON THE 16TH...A RECORD HIGH OF 80 DEGREES WAS SET AT SAN LUIS OBISPO CAL POLY...AND ON THE 17TH...THE HIGH TEMPERATURES OF 79 DEGREES AT SANTA BARBARA AIRPORT TIED A RECORD FOR THE DATE.

ON THE 18TH...DOWNTOWN LOS ANGELES REACHED OR EXCEEDED 80 DEGREES FOR THE 8TH DAY IN A ROW. THAT BECAME THE GREATEST NUMBER OF CONSECUTIVE 80-DEGREE DAYS DURING THE MONTH OF JANUARY SINCE RECORDS BEGAN THERE IN 1877...BESTING THE PREVIOUS RECORD OF 7 SUCH DAYS IN A ROW.

THE STRONG UPPER LEVEL RIDGE CONTINUED TO KEEP A FIRM GRIP ON THE WEATHER ACROSS SOUTHERN CALIFORNIA THROUGH THE 20TH. ON THE 20TH...HIGH TEMPERATURES OF 85 DEGREES IN DOWNTOWN LOS ANGELES...78

DEGREES AT SANTA BARBARA AIRPORT...AND 77 DEGREES AT PASO ROBLES
BROKE RECORDS FOR THE DATE...WHILE THE HIGH OF 85 DEGREES AT UCLA
TIED A DAILY RECORD. THE HIGH OF 85 DEGREES IN DOWNTOWN LOS ANGELES
EXTENDED TO 10 THE NUMBER OF CONSECUTIVE 80-DEGREE DAYS DURING
THE MONTH OF JANUARY...A NEW RECORD FOR THE STATION.

AN UPPER LEVEL TROUGH MOVED TOWARD THE WEST COAST LATE ON THE 22ND
AND 23RD...THEN DEVELOPED INTO AN UPPER LOW WHILE PUSHING SLOWLY
ACROSS SOUTHWESTERN CALIFORNIA ON THE 24TH AND 25TH. THIS SYSTEM
BROUGHT MOSTLY LIGHT RAIN TO SOUTHWESTERN CALIFORNIA FROM THE 22ND
INTO THE 24TH...ALTHOUGH SCATTERED SHOWER ACTIVITY LINGERED THROUGH
THE 25TH. THIS WAS THE FIRST RAINFALL OF 2009.

RAINFALL TOTALS AVERAGED ONE QUARTER TO ONE HALF INCH ACROSS MOST
COASTAL AND VALLEY AREAS...AND ONE HALF TO ONE AND A HALF INCHES IN
THE FOOTHILLS AND MOUNTAINS. SOME OF THE HIGHER TOTALS INCLUDED 2.20
INCHES AT REFUGIO PASS AND 2.15 INCHES AT PATERA RANCH IN THE SANTA
YNEZ RANGE...2.09 AT NORDHOFF RIDGE IN THE VENTURA COUNTY
MOUNTAINS...AND 1.54 INCHES AT OPIDS CAMP IN THE LOS ANGELES COUNTY
MOUNTAINS. OTHER RAINFALL TOTALS INCLUDED 0.63 INCHES AT SANTA
BARBARA AIRPORT...0.51 INCHES AT LOS ANGELES AIRPORT...0.50 INCHES
AT PASO ROBLES...0.45 INCHES AT VAN NUYS...0.36 INCHES AT
LANCASTER...0.34 INCHES AT DOWNTOWN LOS ANGELES AND 0.28 INCHES IN
OXNARD.

AS THE UPPER LOW WAS FINALLY BEGINNING TO DEPART...A BURST OF
INSTABILITY CAUSED A LINE OF HEAVY SHOWERS AND THUNDERSTORMS TO
DEVELOP ACROSS THE SAN GABRIEL VALLEY AND ADJACENT FOOTHILLS LATE
IN THE EVENING ON THE 25TH. THESE THUNDERSTORMS PRODUCED FREQUENT TO
NEARLY CONTINUOUS LIGHTNING...HEAVY RAIN AND SMALL HAIL. ESPECIALLY
HARD HIT WERE THE COMMUNITIES OF LA CANADA...ALTADENA AND
PASADENA...WHERE THERE WERE MANY REPORTS OF SMALL HAIL
ACCUMULATIONS...ESPECIALLY ON GRASSY SURFACES.

SURFACE HIGH PRESSURE BUILT INTO THE GREAT BASIN ON THE 27TH...THEN
INTENSIFIED ON THE 28TH AND 29TH. GUSTY NORTHEAST TO NORTH WINDS
AFFECTED THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES ON THE
27TH AND 28TH. THESE STRONG WINDS EXPANDED TO COASTAL AND VALLEY
AREAS ON THE 29TH AND CONTINUED INTO THE 30TH. PEAK WIND GUSTS
INCLUDED 82 MPH AT LAGUNA PEAK...67 MPH AT WILEY RIDGE...65 MPH AT
CAMP NINE...64 MPH AT CHILAO...57 MPH AT MALIBU HILLS...53 MPH AT
MILL CREEK...53 MPH AT WHITAKER PEAK...52 MPH AT WARM SPRINGS...51
MPH AT CAMARILLO AND NEWHALL PASS...47 MPH AT CHEESEBORO...46 MPH
AT SIMI VALLEY...41 MPH AT SAUGUS...40 MPH AT LEO CARRILLO
BEACH...36 MPH AT VAN NUYS AND 35 MPH AT BURBANK.

ON THE 30TH...THE HIGH TEMPERATURE REACHED 80 DEGREES IN DOWNTOWN
LOS ANGELES. IT WAS THE 12TH DAY DURING THE MONTH OF JANUARY 2009
ON WHICH THE MAXIMUM TEMPERATURE REACHED OR EXCEEDED 80
DEGREES...PLACING IT IN A TIE WITH JANUARY 2003 AS HAVING THE
GREATEST NUMBER OF SUCH DAYS ON RECORD. ALSO ON THE 30TH...A
RECORD HIGH TEMPERATURE OF 79 DEGREES WAS SET AT PASO ROBLES
AIRPORT.

WITH AN AVERAGE MONTHLY TEMPERATURE OF 62.5 DEGREES...JANUARY 2009
WAS THE THIRD WARMEST JANUARY IN DOWNTOWN LOS ANGELES SINCE
OFFICIAL RECORDS BEGAN IN JULY 1877. ONLY JANUARY 1986 WITH AN
AVERAGE TEMPERATURE OF 65.9 DEGREES AND JANUARY 2003 WITH AN AVERAGE
TEMPERATURE OF 63.4 DEGREES WERE WARMER.

.....CLIMATE DATA FOR JANUARY 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

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L.A. DOWNTOWN	74.2	50.8	62.5	58.3	88/41	0.34	3.33	10%
L.A. ARPT	69.5	50.6	60.1	57.1	84/42	0.51	2.98	17%
LONG BEACH ARPT	72.5	47.6	60.0	57.0	87/38	0.17	2.95	6%
UCLA	73.0	54.8	63.9	57.9	87/35	0.34	4.09	19%
BURBANK ARPT	72.0	47.3	59.7	54.8	87/35	0.34	3.56	10%
WOODLAND HILLS	71.9	44.7	58.3	53.7	83/29	0.48	3.83	13%
LANCASTER ARPT	62.2	28.9	45.6	43.9	73/19	0.36	1.60	23%
SANDBERG	52.4	39.2	45.8	43.0	64/26	1.15	2.48	46%
CAMARILLO ARPT	70.5	47.4	59.0	55.6	88/33	0.27	3.41	8%
SANTA BARBARA ARPT	67.9	39.4	53.6	53.1	79/32	0.63	3.57	18%
SANTA MARIA ARPT	68.9	39.0	53.9	51.6	87/30	0.17	2.64	6%
PASO ROBLES ARPT	65.4	32.2	48.8	48.0	79/23	0.61	2.83	22%

*****FEBRUARY 2009*****

RAINFALL DURING THE MONTH OF FEBRUARY GENERALLY AVERAGED AROUND NORMAL...WITH MOST LOCATIONS 80 TO 120 PERCENT OF NORMAL FOR THE MONTH. HOWEVER...A FEW LOCATIONS REPORTED RAINFALL UP TO 150 PERCENT OF NORMAL FOR THE MONTH...GOOD NEWS AFTER A VERY DRY JANUARY.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA...EXCEPT UP TO 4 DEGREES BELOW NORMAL IN THE MOUNTAINS. ON JUST ONE DAY DID ISOLATED TEMPERATURES AT OR BELOW FREEZING OCCUR IN THE COLDER VALLEY LOCATIONS OF LOS ANGELES AND VENTURA COUNTIES AND ON THE CENTRAL COAST.

A STRONG UPPER LEVEL TROUGH APPROACHED THE WEST COAST LATE ON THE 4TH. ITS ASSOCIATED FRONTAL SYSTEM SWEEPED THROUGH SOUTHWESTERN CALIFORNIA ON THE 5TH...BRINGING MODERATE TO HEAVY RAINS AND HIGH ELEVATION SNOWS TO THE REGION. RAIN SPREAD INTO THE CENTRAL COAST BY DAYBREAK ON THE 5TH AND REACHED LOS ANGELES COUNTY BY NOON.

GUSTY SOUTHEAST TO SOUTH WINDS OCCURRED AHEAD OF THE FRONT. WIND GUSTS REACHED 64 MPH AT LAKE PALMDALE...56 MPH AT VALYERMO...48 MPH AT CAMP NINE...45 MPH AT CHILAO...41 MPH AT MILL CREEK...38 MPH AT NEWHALL PASS...AND 36 MPH AT ACTON.

RAIN OCCASIONALLY FELL AT RATES OVER THREE QUARTERS OF AN INCH PER HOUR ACROSS THE FOOTHILLS AND VALLEYS OF LOS ANGELES COUNTY DURING THE EVENING HOURS ON THE 5TH. THE RAIN PRODUCED WIDESPREAD URBAN FLOODING OF ROADWAYS AND LOW LYING AREAS...BUT NO MAJOR MUD OR DEBRIS FLOWS WERE OBSERVED. RAIN TURNED TO SHOWERS ACROSS THE REGION BY THE EARLY MORNING HOURS OF FRIDAY THE 6TH...BUT SCATTERED SHOWERS CONTINUED FOR MUCH OF THE DAY.

RAINFALL FROM THIS INITIAL FRONTAL SYSTEM AVERAGED ONE HALF TO ONE AND A HALF INCHES ACROSS THE REGION FROM THE 5TH THROUGH THE MORNING HOURS OF THE 6TH...WITH THE HIGHEST TOTALS ACROSS LOS ANGELES AND VENTURA COUNTIES. LOCAL TOTALS OVER 2 INCHES WERE REPORTED IN THE VALLEYS...FOOTHILLS AND MOUNTAINS. A RECORD DAILY RAINFALL OF 1.46 INCHES WAS REPORTED AT BURBANK AIRPORT ON THE 5TH...AND A RECORD OF 0.48 INCHES FELL AT LANCASTER AIRPORT. IN THE MOUNTAINS...SNOW LEVELS GENERALLY REMAINED ABOVE 6500 FEET THROUGH THE MORNING OF THE 6TH...AT WHICH TIME MOUNTAIN HIGH SKI RESORT REPORTED 6 INCHES OF

NEW SNOW...WHILE MOUNT BALDY HAD 6 TO 12 INCHES OF NEW SNOW.

ANOTHER UPPER LOW DROPPED SOUTHEASTWARD TOWARD SOUTHWESTERN CALIFORNIA DURING THE AFTERNOON AND EVENING ON FRIDAY THE 6TH... AND MOVED SLOWLY ACROSS THE REGION FRIDAY NIGHT AND SATURDAY. THIS SYSTEM BROUGHT ANOTHER ROUND OF PRECIPITATION TO THE REGION...WITH WIDESPREAD SHOWERS...HEAVY AT TIMES...FROM FRIDAY AFTERNOON THROUGH SATURDAY. THIS SECOND SYSTEM WAS MUCH COLDER AND MORE UNSTABLE...RESULTING IN SNOW LEVELS DOWN TO 4500 FEET...AND SOME THUNDERSTORM ACTIVITY LATE ON THE 6TH INTO THE 7TH. IN FACT...FOUR WATERSPOUTS WERE OBSERVED JUST AFTER DAWN ON THE 7TH SOUTH AND SOUTHEAST OF LONG BEACH HARBOR. THERE WERE ALSO SEVERAL REPORTS OF SMALL HAIL ON THE 7TH.

RAINFALL AMOUNTS FROM THE AFTERNOON ON THE 6TH THROUGH THE 7TH WERE HIGHLY VARIABLE DUE TO THE SHOWERY NATURE OF THE PRECIPITATION. BY THE TIME SHOWERS ENDED DURING THE EARLY MORNING HOURS OF THE 8TH...RAINFALL TOTALS FOR THE ENTIRE EVENT INCLUDING THE INITIAL BAND OF RAIN ON THE 5TH AVERAGED 1 TO 3 INCHES IN MOST AREAS...WITH 3 TO 5 INCHES IN THE FOOTHILLS AND MOUNTAINS OF LOS ANGELES... VENTURA AND SOUTHEASTERN SANTA BARBARA COUNTIES. TOTALS OVER 5 INCHES WERE REPORTED ACROSS HIGHER TERRAIN IN LOS ANGELES COUNTY. THIS WAS THE WETTEST STORM OF THE SEASON FOR MUCH OF SOUTHWESTERN CALIFORNIA.

SOME RAINFALL TOTALS FOR THE THREE DAYS INCLUDED 7.18 INCHES AT OPIDS CAMP...5.47 INCHES AT SAN GABRIEL DAM AND WEST FORK HELIPORT...5.40 INCHES AT MOUNT BALDY (RAIN AND MELTED SNOW)...4.89 INCHES AT TANBARK...4.81 INCHES AT MORRIS DAM...4.80 INCHES AT BIG DALTON DAM...4.68 INCHES AT WALNUT CREEK...4.18 INCHES AT SEPULVEDA CANYON...3.95 INCHES AT CLAREMONT...3.89 INCHES AT PATERA RANCH...3.62 INCHES AT NORDHOFF RIDGE...3.54 INCHES IN ROSE VALLEY...3.50 INCHES AT CIRCLE X RANGE...3.28 INCHES AT VAN NUYS AIRPORT...3.26 INCHES IN CARPINTERIA...3.23 INCHES IN AGOURA HILLS AND IN LA HABRA HEIGHTS...3.22 INCHES AT BURBANK AIRPORT...2.35 INCHES AT SAN LUIS OBISPO AIRPORT...1.76 INCHES AT SANTA BARBARA AIRPORT... 1.54 INCHES AT LONG BEACH AIRPORT...1.48 INCHES AT DOWNTOWN LOS ANGELES...1.39 INCHES AT LOS ANGELES AIRPORT AND 1.29 INCHES AT PALMDALE AIRPORT. SNOWFALL TOTALS FOR THE STORM AVERAGED 6 TO 12 INCHES IN THE MOUNTAINS ABOVE 5000 FEET...AND 1 TO 3 FEET ABOVE 6500 FEET...WITH LOCAL TOTALS OVER 3 FEET IN THE EASTERN SAN GABRIEL MOUNTAINS. MOUNT BALDY REPORTED 36 INCHES OF SNOW AT 7500 FEET...WHILE MOUNTAIN HIGH SKI RESORT REPORTED 24 INCHES OF SNOW AT 7000 FEET.

ANOTHER FAST MOVING UPPER LOW SWEEPED SOUTHEASTWARD ACROSS SOUTHERN CALIFORNIA LATE ON SUNDAY INTO EARLY MONDAY THE 9TH. THIS SYSTEM TOOK A TRACK MORE OVER LAND...SO IT CONTAINED MUCH LESS MOISTURE. HOWEVER...IT WAS A VERY COLD SYSTEM...AND SNOW LEVELS FELL BELOW 1000 FEET ACROSS PARTS OF THE AREA EARLY ON THE 9TH. IN ADDITION...SOME THUNDERSTORMS ALSO DEVELOPED ACROSS THE REGION IN THE UNSTABLE AIR ASSOCIATED WITH THE CENTER OF THE UPPER LOW.

SHOWERS BEGAN ON THE CENTRAL COAST DURING THE AFTERNOON OF THE 8TH...THEN SPREAD INTO LOS ANGELES COUNTY BY LATE EVENING. BEHIND THE MAIN FRONTAL BAND...SCATTERED SHOWER ACTIVITY CONTINUED FOR MUCH OF THE DAY ON MONDAY THE 9TH. SNOW LEVELS DROPPED TO ASTOUNDINGLY LOW LEVELS ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTY DURING THE MORNING HOURS OF THE 9TH...WITH SNOW REPORTED AS LOW AS 1000 FEET.

ONE INCH OF SNOW WAS REPORTED IN ATASCADERO AT 1000 FEET...AND AT

SANTA MARGARITA AT 1200 FEET. A QUARTER OF AN INCH OF SNOW WAS REPORTED IN PALMDALE AT 2600 FEET. IN THE MOUNTAINS...NEW SNOW ACCUMULATIONS INCLUDED 8 INCHES AT MOUNTAIN HIGH SKI RESORT...6 INCHES AT PINE MOUNTAIN...5 INCHES AT MOUNT WILSON AT 5600 FEET AND FRAZIER PARK AT 5000 FEET AND 3 INCHES AT WRIGHTWOOD AT 6100 FEET.

RAINFALL TOTALS AVERAGED ONE QUARTER TO THREE QUARTERS OF AN INCH...WITH LOCAL TOTALS AROUND 1 INCH ACROSS SAN LUIS OBISPO AND NORTHERN SANTA BARBARA COUNTIES...AS WELL AS ACROSS THE FOOTHILLS AND MOUNTAINS OF LOS ANGELES COUNTY. SOME SPECIFIC TOTALS INCLUDED 1.34 INCHES AT WEST FORK HELIPORT IN THE SAN GABRIEL MOUNTAINS...1.02 INCHES IN SANTA MARGARITA...0.94 AT SAN ANTONIO DAM...0.87 INCHES AT TANBARK AND CIRCLE X RANCH...0.78 INCHES AT CLAREMONT...0.70 INCHES AT NEWHALL...0.65 INCHES AT SAN LUIS OBISPO AIRPORT...0.64 INCHES AT SIMI VALLEY...0.61 INCHES AT SANTA MARIA AND CHEESEBORO...0.55 INCHES IN OXNARD...0.51 INCHES IN AGOURA HILLS...0.43 INCHES IN DOWNTOWN LOS ANGELES...0.39 INCHES AT BURBANK AIRPORT...0.36 INCHES AT VAN NUYS AIRPORT...0.28 INCHES AT LANCASTER AIRPORT...0.27 INCHES AT PALMDALE AIRPORT...AND 0.20 INCHES AT LOS ANGELES AIRPORT AND LONG BEACH AIRPORT.

DURING THE AFTERNOON HOURS ON THE 9TH...STRONG AND GUSTY WEST TO NORTHWEST WINDS DEVELOPED ACROSS THE REGION. PEAK WIND GUSTS INCLUDED 61 MPH AT WHITAKER PEAK...55 MPH AT WARM SPRINGS...50 MPH AT CAMP NINE...48 MPH AT LAGUNA PEAK...47 MPH AT SAUGUS AND AVALON AIRPORT...40 MPH AT LOS ANGELES AIRPORT...37 MPH AT OXNARD AIRPORT AND LONG BEACH AIRPORT AND 36 MPH AT VAN NUYS AIRPORT.

BEHIND THE FRONT...THE COLD AIR MASS LINGERED ACROSS THE REGION THROUGH THE MORNING OF THE 11TH. A DAILY RECORD LOW TEMPERATURE OF 33 DEGREES WAS SET AT CAMARILLO AIRPORT ON THE 11TH...AND LOWS OF 34 DEGREES AT SAN LUIS OBISPO CAL POLY...30 DEGREES IN WOODLAND HILLS AND 42 DEGREES AT UCLA TIED RECORDS FOR THE DATE.

AN UPPER TROUGH MOVED INTO THE PACIFIC NORTHWEST ON THE 11TH. THE SOUTHERN END OF ITS FRONTAL BAND BROUGHT SOME LIGHT RAIN TO MOSTLY NORTHERN PORTIONS OF THE AREA ON THE 11TH. RAINFALL TOTALS WERE GENERALLY ONE TENTH TO ONE QUARTER OF AN INCH ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...AND ONE TENTH OF AN INCH OR LESS ACROSS VENTURA COUNTY. ACROSS LOS ANGELES COUNTY...MEASURABLE PRECIPITATION WAS CONFINED TO THE MOUNTAINS...AND TOTALLED A FEW HUNDREDTHS OF AN INCH AT MOST.

A FAST MOVING FRONTAL SYSTEM BROUGHT A PERIOD OF RAIN AND MOUNTAIN SNOWS TO THE REGION ON FRIDAY THE 13TH. ALTHOUGH THE PRECIPITATION WAS SHORT-LIVED...IT WAS LOCALLY HEAVY...AND THERE WERE ISOLATED THUNDERSTORMS. SNOW LEVELS WERE QUITE LOW...GENERALLY AROUND 3000 FEET...BUT OCCASIONALLY FELL BELOW 2500 FEET...CAUSING SNOW TO OCCASIONALLY REACH THE FLOOR OF THE ANTELOPE VALLEY AND THE CUYAMA VALLEY.

RAINFALL TOTALS GENERALLY AVERAGED ONE QUARTER TO ONE HALF INCH IN COASTAL AND VALLEYS AREAS...WITH ONE HALF INCH TO AN INCH IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVEL...AND ON PORTIONS OF THE CENTRAL COAST. SOME RAINFALL TOTALS INCLUDED 1.01 INCHES AT PATERA RANCH...0.90 INCHES AS UPPER TORO CREEK...0.76 INCHES AT SAN LUIS OBISPO AIRPORT...0.70 INCHES AT MONTECITO...0.67 INCHES AT SANTA ANITA DAM...0.66 INCHES AT CLAREMONT...0.65 INCHES AT SIERRA MADRE...0.51 INCHES AT PACOIMA DAM AND AT LA CONCHITA...0.50 INCHES AT SANTA BARBARA AIRPORT...0.48 INCHES AT WFO OXNARD...0.28 INCHES IN AGOURA HILLS...0.26 INCHES AT DOWNTOWN LOS ANGELES...0.22 INCHES AT LANCASTER AIRPORT...0.19 INCHES AT BURBANK AND VAN NUYS

AIRPORTS...AND 0.18 INCHES AT LOS ANGELES AIRPORT.

SNOW AMOUNTS FOR THE STORM INCLUDED 10 INCHES AT MOUNT BALDY AT 8000 FEET...8 INCHES AT WRIGHTWOOD AT 6000 FEET...6 INCHES AT MOUNT WILSON AT 5700 FEET...AT THE MOUNTAIN HIGH SKI RESORT AT 7000 FEET...AND AT MOUNT BALDY AT 5000 FEET. AT 4100 FEET ON THE TEJON PASS THROUGH THE GRAPEVINE...3 TO 5 INCHES OF SNOW FELL. IN FRAZIER PARK AT 5000 AND IN THE CUYAMA VALLEY AT 2200 FEET...2.5 INCHES OF SNOW FELL...WHILE IN THE CITY OF PALMDALE...ONE HALF TO ONE INCH OF SNOW WAS REPORTED.

A STRONG UPPER LEVEL LOW MOVED INTO A POSITION ABOUT 500 MILES WEST OF SAN FRANCISCO ON SUNDAY THE 15TH...WITH A POTENT FRONTAL SYSTEM OFF THE WEST COAST. STRONG SOUTHEAST TO SOUTH WINDS DEVELOPED ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES AS EARLY AS THE MORNING ON THE 11TH...WITH GUSTS TO 47 MPH AT VANDENBERG AFB...38 MPH AT LOMPOC AND 37 MPH AT PASO ROBLES AIRPORT.

AS THE FRONT SLOWLY APPROACHED THE REGION...WINDS INCREASED AND SPREAD INTO VENTURA AND LOS ANGELES COUNTIES BY LATE EVENING ON THE 15TH...THEN WINDS PEAKED IN MOST AREAS DURING THE MORNING HOURS OF THE 16TH. PEAK WIND GUSTS INCLUDED 83 MPH AT CAMP NINE...62 MPH AT CHILAO...60 MPH AT MILL CREEK...54 MPH AT CLEAR CREEK...52 MPH AT CARRIZO...48 MPH AT LAGUNA PEAK...43 MPH AT MALIBU HILLS AND NEWHALL PASS...40 MPH AT LEO CARRILLO BEACH AND SAUGUS. AS A LINE OF CONVECTIVE SHOWERS AND THUNDERSTORMS MOVED THROUGH SAN LUIS OBISPO AND SANTA BARBARA COUNTIES DURING THE EARLY MORNING HOURS...THE STRONG WINDS INTENSIFIED AND KNOCKED DOWN MULTIPLE TREES IN AND AROUND SAN LUIS OBISPO AND IN SAN MARCOS PASS.

RAIN AND HIGHER ELEVATIONS SNOWS SPREAD ACROSS SOUTHWESTERN CALIFORNIA DURING THE LATE EVENING HOURS OF THE 15TH...THEN FELL HEAVY AT TIMES THROUGH THE MORNING HOURS OF THE 16TH. WIDESPREAD RAINFALL RATES OF ONE QUARTER TO ONE HALF INCH PER HOUR WERE REPORTED...WITH OCCASIONALLY HIGHER RATES. STEADY RAIN AND SNOW TURNED SHOWERY IN NATURE DURING THE AFTERNOON ON THE 16TH...ALTHOUGH SCATTERED SHOWERS CONTINUED THROUGH THE MOST OF THE 17TH. IN MOST AREAS...THE BULK OF THE RAINFALL OCCURRED IN LESS THAN A 12 HOUR PERIOD FROM JUST AFTER MIDNIGHT ON THE 16TH THROUGH THE MORNING HOURS. RAINFALL TOTALS GENERALLY AVERAGED ONE TO TWO AND A HALF INCHES ACROSS MOST OF THE REGION...WITH LOCALLY HIGHER TOTALS IN THE FOOTHILLS AND MOUNTAINS BELOW THE SNOW LEVELS.

SOME SPECIFIC RAINFALL TOTALS INCLUDED 3.86 INCHES AT ROSE VALLEY... 3.04 INCHES AT MOUNT BALDY (RAIN AND MELTED SNOW)...2.93 INCHES AT GIBRALTAR DAM...2.76 INCHES IN OJAI...2.72 INCHES AT THE WEST FORK HELIPORT...2.60 INCHES AT NORDHOFF RIDGE...2.55 INCHES AT CACHUMA DAM...2.48 INCHES IN AGOURA HILLS...2.35 INCHES IN PIRU...2.29 INCHES AT THE MONTE NIDO FIRE STATION...2.21 INCHES AT SEPULVEDA CANYON...2.10 INCHES AT LONG BEACH AIRPORT...2.00 INCHES AT TANBARK...1.82 INCHES AT VAN NUYS AIRPORT...1.64 INCHES AT LOS ANGELES AIRPORT...1.63 INCHES AT BURBANK AIRPORT...1.53 INCHES AT OXNARD...1.38 INCHES AT SANTA MARIA AIRPORT...1.07 INCHES AT SANTA BARBARA AIRPORT AND 0.53 INCHES AT LANCASTER AIRPORT.

SNOW LEVELS WERE GENERALLY BETWEEN 4500 FEET AND 5500 FEET DURING THE TIME OF HEAVIEST PRECIPITATION...BUT WERE DOWN BELOW 4000 FEET ON INTERIOR SLOPES AND IN THE SHOWER ACTIVITY BEHIND THE MAIN FRONT. NEW SNOWFALL TOTALS OF 18 TO 24 INCHES WERE REPORTED AT MOUNT BALDY AT 7500 FEET...AT MOUNTAIN HIGH SKI RESORT AT 7000 FEET...AND IN LOCKWOOD VALLEY AT 5200 FEET. SNOWFALL TOTALLED 14 INCHES AT MOUNT WILSON AT 5700 FEET...13 INCHES AT FRAZIER PARK AT 5900 FEET...9

INCHES AT PINON PINES AT 5800 FEET...AND 6 INCHES AT TEJON PASS ON THE GRAPEVINE AT 4100 FEET.

A LARGE TROUGH MOVED INTO THE EASTERN PACIFIC ON SATURDAY THE 21ST. MOIST SOUTHWESTERLY FLOW WELL AHEAD OF THE TROUGH CAUSED LIGHT RAIN TO DEVELOP ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES DURING THE EARLY MORNING HOURS ON THE 22ND...AND OCCASIONAL LIGHT RAIN CONTINUED THROUGH THE DAY. ACROSS VENTURA AND LOS ANGELES COUNTIES...THE DAY WAS DRY IN MOST AREAS...WITH JUST A FEW SHOWERS IN THE FOOTHILLS AND MOUNTAINS. THE SURFACE FRONTAL SYSTEM ASSOCIATED WITH THE TROUGH FINALLY PUSHED INTO THE COAST DURING THE MORNING HOURS OF THE 23RD...CAUSING LIGHT RAIN TO SPREAD ACROSS VENTURA AND LOS ANGELES COUNTIES. HOWEVER...THE FRONT WEAKENED CONSIDERABLY AS IT MOVED SOUTHWARD...BRINGING MUCH LESS IN THE WAY OF RAIN TO THESE AREAS. RAINFALL TOTALS FROM THE 22ND INTO THE 23RD RANGED FROM ABOUT ONE QUARTER OF AN INCH TO ONE HALF INCH ACROSS SAN LUIS OBISPO AND NORTHERN SANTA BARBARA COUNTIES WITH LOCALLY HIGHER TOTALS...TO LESS THAN A TENTH OF AN INCH ACROSS LOS ANGELES COUNTY. SOME OF THE HIGHER RAINFALL TOTALS INCLUDED 0.95 INCHES AT ROCKY BUTTE...0.87 INCHES AT MORRO BAY...0.63 INCHES AT BALD MOUNTAIN AND UPPER TORO CREEK...0.06 INCHES AT BLACK MOUNTAIN...0.59 INCHES AT SANTA MARGARITA...0.55 INCHES AT GETTY BASIN...0.51 INCHES AS NIPOMO...0.43 INCHES AT ATASCADERO...AND 0.24 INCHES AT SANTA MARIA AIRPORT.

A LARGE RIDGE BUILT INTO THE WEST COAST AT THE END OF THE MONTH. WEAK OFFSHORE FLOW ON THE 28TH ALLOWED FOR TEMPERATURES TO SOAR TO RECORD LEVELS IN A COUPLE OF LOCATIONS. THE HIGH TEMPERATURE OF 85 DEGREES AT UCLA SET A NEW RECORD FOR THE DATE...WHILE THE HIGH OF 84 DEGREES AT LONG BEACH AIRPORT TIED A DAILY RECORD.

.....CLIMATE DATA FOR FEBRUARY 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								
-								
L.A. DOWNTOWN	67.0	49.3	58.1	60.0	84/41	3.57	3.68	97%
L.A. ARPT	63.7	48.8	56.2	58.0	82/41	3.41	3.11	110%
LONG BEACH ARPT	65.5	47.1	56.3	58.3	84/39	4.04	3.01	134%
UCLA	66.9	49.7	58.3	58.4	85/41	4.54	4.93	92%
BURBANK ARPT	65.3	45.1	55.2	56.9	83/35	5.53	4.29	129%
WOODLAND HILLS	66.9	39.4	53.1	55.4	82/30	6.06	4.40	138%
LANCASTER ARPT	57.9	34.4	46.2	47.6	70/24	2.39	1.62	148%
SANDBERG	45.9	35.1	40.5	44.5	60/23	2.59	3.21	81%
CAMARILLO ARPT	64.3	42.4	53.3	56.2	82/33	2.93	3.90	75%
SANTA BARBARA ARPT	63.4	41.5	52.4	55.2	79/33	3.77	4.28	88%
SANTA MARIA ARPT	62.9	40.3	51.6	53.1	81/31	4.68	3.23	145%
PASO ROBLES ARPT	61.5	37.5	49.5	51.1	77/29	2.61	2.87	91%

*****MARCH 2009*****

MARCH WAS AN VERY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. RAINFALL GENERALLY AVERAGED 10 TO 20 PERCENT OF NORMAL ACROSS VENTURA AND LOS ANGELES COUNTIES...AND 20 TO 40 PERCENT OF NORMAL ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES.

AVERAGE TEMPERATURES FOR THE MONTH OF MARCH GENERALLY RANGED FROM NORMAL TO ABOUT 2 DEGREES BELOW NORMAL. FREEZING TEMPERATURES WERE

CONFINED TO THE MOUNTAINS...ANTELOPE VALLEY...THE INTERIOR VALLEYS OF SAN LUIS OBISPO COUNTY AND THE CUYAMA VALLEY.

THE MONTH STARTED OFF ON A WARM NOTE. MANY COASTAL AND VALLEY LOCATIONS HAD HIGHS IN THE 80S...AND A NEW RECORD HIGH OF 84 DEGREES WAS SET AT UCLA.

A VERY WEAK FRONTAL SYSTEM PUSHED THROUGH THE REGION LATE ON THE 1ST...BRINGING LIGHT RAIN...MAINLY TO NORTHERN PORTIONS OF THE AREA. RAINFALL TOTALS FROM LATE ON THE 1ST INTO THE 2ND GENERALLY TOTALLED ONE TENTH TO ONE QUARTER OF AN INCH ACROSS SAN LUIS OBISPO COUNTY...AND ONE TENTH OF AN INCH OR LESS ELSEWHERE. SOME PARTS OF LOS ANGELES AND VENTURA COUNTIES RECEIVED NO MEASURABLE RAIN AT ALL.

ANOTHER FRONT EDGED INTO THE AREA LATE ON TUESDAY THE 3RD. RAIN BEGAN ON THE CENTRAL COAST DURING THE LATE EVENING HOURS...THEN SPREAD INTO LOS ANGELES COUNTY DURING THE MORNING OF THE 4TH. RAIN WAS MOSTLY LIGHT TO MODERATE...EXCEPT LOCALLY HEAVY AT TIMES ACROSS SAN LUIS OBISPO COUNTY. RAIN ENDED FROM NORTHWEST TO SOUTHEAST ACROSS THE REGION DURING THE AFTERNOON AND EVENING HOURS ON THE 4TH. RAINFALL TOTALS GENERALLY AVERAGED ONE HALF INCH TO ONE INCH ACROSS SAN LUIS OBISPO COUNTY...WITH LOCAL TOTALS NEAR TWO INCHES IN THE FOOTHILLS. ELSEWHERE...RAINFALL GENERALLY AVERAGED ONE QUARTER TO ONE HALF INCH...WITH LOCAL TOTALS UP TO AN INCH IN THE FOOTHILLS. SOME SPECIFIC TOTALS INCLUDED 2.05 INCHES AT LAS TABLAS...1.93 INCHES AT ROCKY BUTTE...1.46 INCHES AT SANTA MARGARITA... 1.19 INCHES AT REFUGIO PASS...0.98 INCHES AT WHITE LEDGE PEAK...0.95 INCHES AT HAPPY CAMP CANYON...0.86 INCHES IN ROSE VALLEY... 0.83 INCHES AT WARM SPRINGS...0.77 INCHES AT CAMP NINE... 0.71 INCHES AT MONTE NIDO FIRE STATION...0.67 INCHES AT OPIDS CAMP... 0.63 INCHES AT SAN LUIS OBISPO AIRPORT....0.59 INCHES AT PACOIMA DAM...0.58 INCHES AT PASO ROBLES AIRPORT...0.45 INCHES AT VAN NUYS AIRPORT...0.38 INCHES AT BURBANK AIRPORT...0.32 INCHES AT LONG BEACH AIRPORT...0.31 INCHES AT SANTA BARBARA AIRPORT...0.25 INCHES AT DOWNTOWN LOS ANGELES...AND 0.08 INCHES AT LANCASTER AIRPORT.

BEHIND THE FRONT...A CHILLY AIRMASS OVERSPREAD SOUTHERN CALIFORNIA...AND VERY COOL CONDITIONS LINGERED THROUGH THE MIDDLE OF THE MONTH. A RECORD DAILY LOW TEMPERATURE OF 36 DEGREES WAS SET IN CAMARILLO AIRPORT DURING THE EARLY MORNING HOURS OF THE 5TH. ON THE 7TH...THE LOW TEMPERATURE OF 38 DEGREES AT CAMARILLO TIED A RECORD FOR THE DATE. ON THE 10TH...LOW TEMPERATURES OF 24 DEGREES AT LANCASTER AIRPORT...26 DEGREES AT PALMDALE AIRPORT...AND 27 DEGREES AT PASO ROBLES AIRPORT ALL NEW SET RECORDS FOR THE DATE. ON THE 11TH...THE LOW TEMPERATURE OF 35 DEGREES AT SAN LUIS OBSIPO CAL POLY TIED A RECORD FOR THE DATE.

THE WEATHER WAS GENERALLY QUIET DURING THE MIDDLE OF THE MONTH. ON SATURDAY THE 21ST...A COLD UPPER LEVEL LOW DROPPING OUT OF THE GULF OF ALASKA MOVED TOWARD THE WEST COAST...WITH A TROUGH EXTENDING SOUTHWARD ACROSS THE EASTERN PACIFIC. A FAST MOVING FRONTAL SYSTEM PUSHED ACROSS SOUTHWESTERN CALIFORNIA DURING THE MORNING AND EARLY AFTERNOON HOURS OF THE 22ND. RAINFALL AMOUNTS WERE MOSTLY ON THE LIGHT SIDE...GENERALLY ON THE ORDER OF ONE TENTH TO ONE QUARTER INCH...EXCEPT ONE QUARTER TO AROUND ONE HALF INCH ACROSS SAN LUIS OBISPO AND NORTHERN SANTA BARBARA COUNTIES. SELECTED TOTALS INCLUDED 0.72 INCHES AT BLACK MOUNTAIN...0.51 INCHES AS LAS TABLAS AND SANTA MARGARITA...0.48 INCHES AT CARRIZO...0.36 INCHES AT SANTA MARIA AIRPORT...0.35 INCHES AT PASO ROBLES AIRPORT...AND 0.26 INCHES AT BOTH SANTA BARBARA AND SAN LUIS OBISPO AIRPORTS.

MORE IMPORTANT THAN THE RAINS WERE THE STRONG WEST TO NORTHWEST WINDS WHICH OVERSPREAD SOUTHWESTERN CALIFORNIA IN THE WAKE OF THIS SYSTEM DURING SUNDAY AFTERNOON THE 22ND. STRONG WINDS CONTINUED THROUGH THE MORNING HOURS OF THE 23RD. WHILE MOST COASTAL LOCATIONS RECORDED THE STRONGEST WINDS ON SUNDAY AFTERNOON AND EVENING...MANY LOCATIONS IN THE MOUNTAINS HAD THEIR STRONGEST WINDS DURING THE EARLY MORNING HOURS ON MONDAY THE 23RD. THE WINDS CAUSED POWER OUTAGES TO MORE THAN 125000 RESIDENCES ACROSS THE LOS ANGELES METROPOLITAN AREA. SOME PEAK GUSTS INCLUDED 85 MPH AT WHITAKER PEAK...74 MPH AT SANDBERG...69 MPH AT MONTECITO HILLS...67 MPH AT CHILAO...65 MPH AT WARM SPRINGS...63 MPH AT LAGUNA PEAK...59 MPH AT MALIBU HILLS...57 MPH AT POPPY PARK...53 MPH AT SAUGUS...50 MPH AT CLEAR CREEK...49 MPH AT LOS ANGELES AIRPORT AND AT LANCASTER AIRPORT...45 MPH AT AVALON AIRPORT AND OXNARD AIRPORT... 44 MPH AT CAMARILLO AIRPORT AND AT POINT MUGU NAS...43 MPH AT NEWHALL PASS AND SANTA MARIA AIRPORT...AND 42 MPH AT VANDENBERG AFB.

ON THE 23RD...THE LOW TEMPERATURE OF 35 DEGREES AT CAMARILLO AIRPORT SET A NEW RECORD FOR THE DATE...WHILE THE LOW TEMPERATURE OF 25 DEGREES AT SANDBERG TIED A DAILY RECORD. ON THE 24TH...THE LOW TEMPERATURE OF 27 DEGREES AT LANCASTER AIRPORT AND THE LOW OF 30 DEGREES AT PASO ROBLES SET NEW RECORDS FOR THE DATE. THE LOW OF 38 DEGREES AT SANTA BARBARA AIRPORT TIED A RECORD FOR THE DATE.

ANOTHER ROUND OF GUSTY WINDS AFFECTED THE REGION LATE ON THE 25TH INTO THE EARLY MORNING HOURS OF THE 27TH. THIS TIME...THE WIND DIRECTION WAS PRIMARILY FROM THE NORTH...AND MAINLY AFFECTED THE MOUNTAINS OF LOS ANGELES...VENTURA AND SOUTHERN SANTA BARBARA COUNTIES...AND THE VALLEYS OF LOS ANGELES COUNTY. PEAK WIND GUSTS INCLUDED 61 MPH AT CAMP NINE...60 MPH AT MONTECITO HILLS...59 MPH AT WHITAKER PEAK...57 MPH AT POPPY PARK...56 MPH AT SANDBERG...54 MPH AT NEWHALL PASS...50 MPH AT SAUGUS AND WARM SPRINGS...AND 37 MPH AT VAN NUYS AIRPORT.

.....CLIMATE DATA FOR MARCH 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

-								
L.A. DOWNTOWN	69.5	52.0	60.7	60.7	84/45	0.33	3.14	11%
L.A. ARPT	64.0	51.4	57.7	58.3	77/46	0.05	2.40	2%
LONG BEACH ARPT	67.6	50.0	58.8	59.7	82/44	0.42	2.43	17%
UCLA	67.6	50.8	59.2	58.7	84/44	0.46	3.54	13%
BURBANK ARPT	69.1	48.0	58.6	58.4	85/40	0.44	3.88	11%
WOODLAND HILLS	71.7	41.2	56.4	57.2	87/34	0.46	3.60	13%
LANCASTER ARPT	66.5	35.7	51.1	51.9	80/24	0.13	1.44	9%
SANDBERG	53.3	36.5	44.9	45.8	69/25	0.12	2.29	5%
CAMARILLO ARPT	65.4	43.6	54.5	56.7	79/35	0.29	3.04	10%
SANTA BARBARA ARPT	64.7	43.4	54.1	56.7	79/36	0.69	3.51	20%
SANTA MARIA ARPT	64.7	40.5	52.6	53.8	82/33	0.69	2.94	23%
PASO ROBLES ARPT	67.1	38.0	52.5	53.5	80/27	1.03	2.66	39%

*****APRIL 2009*****

APRIL WAS ANOTHER VERY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA. RAINFALL IN MOST AREAS TOTALED ONE QUARTER OR AN INCH OR LESS FOR THE MONTH...EXCEPT BETWEEN ONE QUARTER OF AN INCH AND THREE QUARTERS OF AN INCH ACROSS PARTS OF SAN LUIS OBISPO AND SANTA

BARBARA COUNTIES. RAINFALL GENERALLY TOTALED LESS THAN 10 PERCENT OF NORMAL ACROSS LOS ANGELES AND VENTURA COUNTIES...AND 15 TO 30 PERCENT OF NORMAL ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES. SINCE NORMAL RAINFALL IS RELATIVELY LOW IN APRIL...JUST A HALF INCH OF RAIN CAN MAKE A BIG DIFFERENCE IN PERCENTAGES OF NORMAL. THAT EXPLAINS THE FACT THAT SANTA BARBARA AIRPORT RECEIVED 86 PERCENT OF NORMAL RAINFALL FOR THE MONTH. STILL...IT WAS THE EXCEPTION RATHER THAN THE RULE ACROSS THE REGION.

AVERAGE TEMPERATURES FOR THE MONTH OF APRIL WERE GENERALLY NEAR NORMAL TO ABOUT TWO DEGREES BELOW NORMAL ACROSS SOUTHWESTERN CALIFORNIA.

AN UPPER TROUGH DROPPED INTO THE GREAT BASIN DURING THE MORNING OF FRIDAY THE 3RD. ITS DRY COLD FRONT RACED THROUGH THE REGION ON THE 3RD...AND IN ITS WAKE GUSTY WEST TO NORTHWEST WINDS AFFECTED THE MOUNTAINS AND THE ANTELOPE VALLEY. PEAK WIND GUSTS INCLUDED 55 MPH AT POPPY PARK...49 MPH AT WARM SPRINGS...48 MPH AT LAKE PALMDALE... 47 MPH AT PALMDALE AIRPORT...46 MPH AT SAUGUS AND 39 MPH AT MALIBU HILLS.

AN UNSEASONABLY COLD AIRMASS SETTLED OVER SOUTHWESTERN CALIFORNIA BEHIND THE COLD FRONT. ON THE 4TH...LOW TEMPERATURES OF 31 DEGREES AT LANCASTER AIRPORT...AND 28 DEGREES AT PALMDALE AIRPORT AND PASO ROBLES AIRPORT ALL BROKE RECORD LOWS FOR THE DATE. AT CAMARILLO AIRPORT AND SANTA BARBARA AIRPORT...LOWS OF 39 DEGREES TIED DAILY RECORDS. ON THE 5TH...LOW TEMPERATURES OF 24 DEGREES AT LANCASTER AIRPORT AND 29 DEGREES AT PALMDALE AIRPORT BROKE RECORDS FOR THE DATE...WHILE THE LOW TEMPERATURE OF 28 DEGREES AT PASO ROBLES AIRPORT TIED A DAILY RECORD. THE 24 DEGREE LOW AT LANCASTER AIRPORT WAS THE LOWEST TEMPERATURE EVER RECORDED THERE DURING THE MONTH OF APRIL...BREAKING THE OLD RECORD OF 25 DEGREES SET ON APRIL 2ND 1975. ON THE 6TH...THE MINIMUM OF 28 DEGREES AT LANCASTER AIRPORT TIED A RECORD FOR THE DATE.

A WEAK FRONTAL SYSTEM MOVED THROUGH THE REGION ON TUESDAY THE 7TH. RAINFALL WITH THIS SYSTEM WAS ON THE LIGHT SIDE...GENERALLY LESS THAN ONE TENTH OF AN INCH...EXCEPT LOCAL TOTALS OF A QUARTER TO OVER ONE HALF INCH WERE REPORTED ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...AND IN THE FOOTHILLS OF LOS ANGELES AND VENTURA COUNTIES. SOME OF THE HIGHER RAINFALL TOTALS INCLUDED 0.76 INCHES AT BLACK MOUNTAIN...0.67 INCHES AT REFUGIO PASS...0.54 INCHES AT PATERA RANCE...0.52 INCHES AT SANTA BARBARA AIRPORT...0.51 INCHES AT UPPER TORO CREEK AND SAN MARCOS PASS...0.50 INCHES AT SAN LUIS OBISPO AIRPORT...0.48 INCHES AT LAS TABLAS...0.47 INCHES AT NIPOMO AND ROCKY BUTTE...0.43 INCHES AT WHITE LEDGE PEAK...0.39 INCHES AT SISAR PEAK... AND 0.37 INCHES AT OPIDS CAMP.

ON THURSDAY THE 9TH...AN UPPER LEVEL LOW PASSED TO THE SOUTH OF THE REGION. DESPITE ITS TRACK FAIRLY FAR TO THE SOUTH...IT BROUGHT ENOUGH MOISTURE AND INSTABILITY TO THE AREA TO PRODUCE SOME SHOWER AND THUNDERSTORM ACTIVITY...AND ISOLATED HEAVY SHOWERS WERE REPORTED. WHILE MANY AREAS DID NOT RECEIVE MEASURABLE RAIN...A FEW LOCATIONS...MAINLY IN THE MOUNTAINS...RECORDED TOTALS OVER A QUARTER OF AN INCH...INCLUDING 0.59 INCHES AT OLD MAN MOUNTAIN... 0.55 INCHES AT UPPER MATILIJIA CANYON...0.47 INCHES AT LA CUMBRE PEAK...0.43 INCHES IN CUYAMA...0.35 INCHES AT SAN ANTONIO DAM...0.29 INCHES AT TANBARK...AND 0.28 INCHES AT LOCKWOOD VALLEY AND WHITE LEDGE PEAK. AT BIG PINE AT 7000 FEET...2 INCHES OF SNOW FELL...AND AT WRIGHTWOOD AT 6000 FEET...AN INCH OF NEW SNOW WAS REPORTED.

ON THE 14TH...A COLD AND VIGOROUS LOW PRESSURE SYSTEM DROPPED INTO

THE GREAT BASIN. WIDESPREAD STRONG AND GUSTY WEST TO NORTHWEST WINDS AFFECTED MUCH OF SOUTHWESTERN CALIFORNIA FROM THE AFTERNOON ON THE 14TH THROUGH THE MORNING OF THE 15TH. PEAK WIND GUSTS INCLUDED 69 MPH AT LAGUNA PEAK...63 MPH AT VANDENBERG AIR FORCE BASE AND AT POINT MUGU...60 MPH AT LAKE PALMDALE...59 MPH AT WHITAKER PEAK AND WILEY RIDGE...55 MPH AT MILL CREEK...53 MPH AT MONTECITO AND SANDBERG...52 MPH AT SAUGUS AND CAMP NINE...51 MPH AT SAN LUIS OBISPO AIRPORT AND SANTA MARIA AIRPORT...48 MPH AT OXNARD AIRPORT...AND 43 MPH AT LOS ANGELES AIRPORT AND CAMARILLO AIRPORT. THERE WERE NUMEROUS REPORTS OF TREES DOWN ACROSS SAN LUIS OBISPO AND SANTA BARBARA COUNTIES DURING THE AFTERNOON AND EVENING HOURS... RESULTING IN SCATTERED POWER OUTAGES.

ON WEDNESDAY THE 15TH...THE LOW TEMPERATURE OF 33 DEGREES AT SAN LUIS OBISPO CAL POLY SET A NEW RECORD FOR THE DATE...WHILE THE LOW OF 27 DEGREES AT SANDBERG TIED A DAILY RECORD. ON THE 17TH...LOWS OF 32 DEGREES AT LANCASTER AIRPORT AND 40 DEGREES AT CAMARILLO AIRPORT TIED RECORDS FOR THE DATE.

A STRONG UPPER LEVEL RIDGE OF HIGH PRESSURE BUILT INTO SOUTHWESTERN CALIFORNIA ON SUNDAY THE 19TH...BRINGING EARLY SEASON HEAT THROUGH TUESDAY THE 21ST. ON THE 19TH...MANY DAILY HIGH TEMPERATURE RECORDS WERE SET INCLUDING 97 DEGREES AT LONG BEACH AIRPORT...96 DEGREES AT CAMARILLO AIRPORT AND AT WFO OXNARD...95 DEGREES AT PASO ROBLES AIRPORT...94 DEGREES AT DOWNTOWN LOS ANGELES AND SANTA MARIA AIRPORT...92 DEGREES AT UCLA...AND 87 DEGREES AT LOS ANGELES AIRPORT AND SANTA BARBARA AIRPORT.

ON THE 20TH...RECORDS INCLUDED 100 DEGREES AT DOWNTOWN LOS ANGELES AND LONG BEACH AIRPORT...99 DEGREES AT UCLA...98 DEGREES AT PASO ROBLES AIRPORT AND SANTA MARIA AIRPORT...97 DEGREES AT WFO OXNARD... 96 DEGREES AT CAMARILLO AIRPORT...95 DEGREES AT LOS ANGELES AIRPORT...WHILE THE HIGH OF 94 DEGREES AT PALMDALE AIRPORT TIED A DAILY RECORD.

ON THE 21ST...NEW RECORDS INCLUDED 99 DEGREES AT PASO ROBLES AIRPORT...98 DEGREES AT WOODLAND HILLS PIERCE COLLEGE...97 DEGREES AT BURBANK AIRPORT...95 DEGREES AT DOWNTOWN LOS ANGELES AND AT SANTA MARIA AIRPORT...94 DEGREES AT UCLA AND AT LANCASTER AIRPORT...90 DEGREES AT LOS ANGELES AIRPORT AND 82 DEGREES AT SANDBERG.

TEMPERATURES RETURNED TO NORMAL LEVELS BY THE 23RD. THEN...A DRY COLD FRONT PUSHED THROUGH THE REGION LATE ON FRIDAY THE 24TH AND ON THE 25TH. GUSTY NORTHWEST TO NORTH WINDS AFFECTED SOUTHWESTERN CALIFORNIA ON THE 25TH. PEAK WIND GUSTS INCLUDED 63 MPH AT WHITAKER PEAK...55 MPH AT SAUGUS...54 MPH AT WARM SPRINGS...52 MPH AT WARM SPRINGS AND 45 MPH AT POPPY PARK. A RECORD LOW OF 39 DEGREES WAS SET AT SANTA BARBARA AIRPORT ON THE MORNING OF THE 25TH.

.....CLIMATE DATA FOR APRIL 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								
L.A. DOWNTOWN	72.3	54.0	63.2	63.8	100/48	0.03	0.83	4%
L.A. ARPT	67.6	52.7	60.2	60.8	95/46	0.00	0.63	0%
LONG BEACH ARPT	72.0	52.7	62.4	63.0	100/46	0.01	0.60	2%
UCLA	71.4	52.7	62.1	61.3	99/46	0.03	0.86	3%

BURBANK ARPT	72.5	50.8	61.7	62.2	99/44	0.00	1.02	0%
WOODLAND HILLS	74.9	43.2	59.1	61.3	98/35	0.00	0.88	0%
LANCASTER ARPT	72.7	41.4	57.4	58.0	94/24	0.00	0.32	0%
SANDBERG	58.9	39.6	49.3	50.4	82/27	0.02	0.60	3%
CAMARILLO ARPT	69.0	45.0	57.0	58.6	96/36	0.01	0.72	1%
SANTA BARBARA ARPT	68.7	44.8	56.7	58.9	93/38	0.54	0.63	86%
SANTA MARIA ARPT	68.3	41.1	54.7	55.5	98/33	0.10	0.91	11%
PASO ROBLES ARPT	73.8	38.7	56.3	57.3	99/28	0.08	0.68	12%

*****MAY 2009*****

RAINFALL FOR THE MONTH OF MAY WAS GENERALLY ONE TENTH OF AN INCH OR LESS ACROSS SOUTHWESTERN CALIFORNIA. THE EXCEPTION WAS ACROSS THE FOOTHILLS AND MOUNTAINS OF VENTURA AND SAN LUIS OBISPO COUNTIES... WHERE RAINFALL TOTALLED ONE TENTH TO ONE THIRD OF OF AN INCH...WITH LOCAL TOTALS UP TO TWO THIRDS OF AN INCH. MANY COASTAL AND VALLEY LOCATIONS OF LOS ANGELES AND VENTURA COUNTIES DID NOT RECEIVE ANY MEASURABLE RAIN. ON A PERCENT OF NORMAL BASIS... AVERAGES WERE GENERALLY LESS THAN 20 PERCENT OF NORMAL...EXCEPT LOCALLY HIGHER ACROSS PARTS OF SAN LUIS OBISPO AND SANTA BARBARA COUNTIES. NORMAL RAINFALL FOR MAY IS QUITE LOW ACROSS THE REGION...GENERALLY ONE HALF INCH OR LESS.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY NEAR NORMAL TO 2 DEGREES ABOVE NORMAL ACROSS THE COASTAL PLAIN...2 TO 4 DEGREES ABOVE NORMAL IN THE VALLEYS...AND 5 TO MORE THAN 8 DEGREES ABOVE NORMAL IN THE MOUNTAINS AND DESERTS.

A WEAKENING FRONTAL SYSTEM MOVED THROUGH THE REGION ON THE 1ST INTO THE 2ND. WHERE MEASURABLE RAINFALL DID OCCUR...MAINLY FROM THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES NORTHWARD...AMOUNTS WERE GENERALLY ON THE ORDER OF A FEW HUNDREDTHS OR SO. SOME OF THE HIGHER TOTALS INCLUDED 0.59 INCHES AT ROCKY BUTTE...0.36 INCHES AT UPPER TORO CREEK AND SANTA ROSA CREEK AT CAMBRIA...0.32 INCHES AT ROSE VALLEY...0.24 INCHES AT SAN LUIS HARBOR...0.23 INCHES AT LOCKWOOD VALLEY...0.21 INCHES AS LAS TABLAS...0.20 INCHES AT BLACK MOUNTAIN...0.16 INCHES AT APACHE CANYON...AND 0.13 INCHES AT SAN LUIS OBISPO AIRPORT.

GUSTY NORTHERLY WINDS DEVELOPED BEHIND THE FRONT ON THE 3RD. THE NORTHERLY WINDS WARMED AND DRIED AS THEY SPREAD DOWN FROM THE SANTA YNEZ RANGE INTO THE SOUTH COAST OF SANTA BARBARA COUNTY. A RECORD HIGH TEMPERATURE OF 89 DEGREES WAS SET AT SANTA BARBARA AIRPORT IN THE 3RD.

A SHARP NORTH TO SOUTH PRESSURE GRADIENT PERSISTED ACROSS THE REGION FROM THE 4TH THROUGH THE 9TH...WHILE A STRONG UPPER LEVEL RIDGE SET UP JUST OFF THE WEST COAST RESULTING IN NORTHERLY FLOW ALOFT. THIS PATTERN CAUSED PERIODS OF GUSTY NORTH WINDS ACROSS THE REGION DURING THIS TIME...STRONGEST THROUGH AND BELOW PASSES AND CANYONS OF THE SANTA YNEZ RANGE IN SANTA BARBARA COUNTY AND ACROSS THE INTERSTATE 5 CORRIDOR.

THE WINDS AND ASSOCIATED HOT AND DRY CONDITIONS PEAKED ACROSS THE SOUTH COAST OF SANTA BARBARA COUNTY ON WEDNESDAY THE 6TH AND THURSDAY THE 7TH. A SMALL FIRE BROKE OUT ON THE AFTERNOON OF THE 5TH IN THE SAN ROQUE CANYON AREA ABOVE THE SANTA BARBARA BOTANICAL GARDENS...AND WAS NAMED THE JESUSITA FIRE. DURING THE EARLY AFTERNOON OF THE 6TH...SUNDOWNER WINDS DEVELOPED...EARLIER IN THE DAY THAN IS TYPICAL. WIND GUSTS REACHED OVER 50 MPH AND TEMPERATURES SOARED TO AROUND 100 DEGREES ACROSS THE SOUTH COAST OF SANTA BARBARA COUNTY. THIS CAUSED THE JESUSITA FIRE TO BECOME A VERY DANGEROUS

PLUME-DRIVEN WILDFIRE WITH RAPID GROWTH CHARACTERISTICS. THREE VENTURA COUNTY FIREFIGHTERS SUFFERED MODERATE BURNS WHILE TRYING TO PROTECT A HOME DURING THE AFTERNOON OF THE 6TH. SEVERAL OTHER STRIKE TEAMS HAD TO TAKE REFUGE IN HOMES OR VEHICLES DURING THAT AFTERNOON. THERE WAS SIGNIFICANT DAMAGE TO TWO FIRE ENGINES AND TWO PICKUP TRUCKS. ANOTHER MODERATE SUNDOWNER DEVELOPED DURING THE EVENING HOURS ON THE 7TH...MORE TYPICAL OF A SUNDOWNER...CREATING ADDITIONAL FIRE SPREAD AND DESTROYING MORE HOMES.

ULTIMATELY...THE BY THE TIME THE JESUSITA FIRE WAS CONTAINED ON MAY 20TH...IT BURNED 8733 ACRES...DESTROYED 80 HOMES...1 COMMERCIAL STRUCTURE AND 79 OUTBUILDINGS AND DAMAGED 15 HOMES AND 2 OUTBUILDINGS. FIREFIGHTING COSTS TOTALLED OVER 17 MILLION DOLLARS...AND THERE WERE 28 INJURIES TO FIREFIGHTERS INCLUDING 3 WITH BURNS. ON MAY 8TH...THERE WAS A MANDATORY EVACUATION ORDER FOR 30500 RESIDENCES AND A VOLUNTARY EVACUATION FOR 29000 RESIDENCES.

PEAK WIND GUSTS FROM THE 6TH THROUGH THE EARLY MORNING HOURS OF THE 8TH INCLUDED 92 MPH AT WHITAKER PEAK...84 MPH AT WILEY RIDGE...66 MPH AT SANDBERG...65 MPH AT MONTECITO...64 MPH AT CAMP NINE...54 MPH AT POPPY PARK...53 MPH AT MALIBU HILLS...48 MPH AT SAUGUS AND 46 MPH AT NEWHALL PASS AND CHEESEBORO.

ON THE 6TH...THE HIGH TEMPERATURE OF 100 DEGREES SET A RECORD AT SANTA BARBARA AIRPORT AS DID THE HIGH OF 93 DEGREES AT UCLA. ON THE 7TH...THE HIGH TEMPERATURE OF 101 DEGREES AT SANTA BARBARA AIRPORT BROKE THE RECORD FOR THE DAY AND ALSO TIED THE ALL-TIME RECORD FOR THE MONTH OF MAY WHICH HAD BEEN PREVIOUSLY RECORDED ON MAY 26TH 1968.

ON THE 12TH...A STRONG UPPER LEVEL RIDGE BUILT ACROSS THE EASTERN PACIFIC...AND UPPER LEVEL NORTHERLY FLOW INCREASED OVER CALIFORNIA. GUSTY NORTHWEST TO NORTH WINDS DEVELOPED ACROSS THE MOUNTAINS OF SOUTHWESTERN CALIFORNIA DURING THE EARLY MORNING HOURS OF THE 12TH...THEN BECAME MORE WIDESPREAD ACROSS THE REGION DURING THE AFTERNOON. GUSTY WINDS CONTINUED THROUGH THE EARLY MORNING HOURS OF 14TH. PEAK WIND GUSTS INCLUDED 77 MPH AT WHITAKER PEAK...65 MPH AT MONTECITO...62 MPH AT SANDBERG...61 MPH AT SAUGUS...59 MPH AT WARM SPRINGS...58 MPH AT POPPY PARK...56 MPH AT CAMP NINE AND 41 MPH AT NEWHALL PASS.

ON THE 15TH...THE HIGH TEMPERATURE OF 84 DEGREES AT SANDBERG TIED A RECORD FOR THE DATE. ON THE 16TH...HIGH TEMPERATURES OF 105 DEGREES AT PASO ROBLES AIRPORT...101 AT LANCASTER AIRPORT...100 DEGREES AT PALMDALE AIRPORT AND 88 DEGREES AT SANDBERG ALL ESTABLISHED NEW DAILY RECORDS. ON THE 16TH...HIGH TEMPERATURES OF 106 DEGREES AT PASO ROBLES AIRPORT AND 102 DEGREES AT PALMDALE AIRPORT BROKE RECORDS FOR THE DATE...WHILE HIGHS OF 102 AT LANCASTER AIRPORT AND 88 DEGREES AT SANDBERG TIED DAILY RECORDS.

ON THE 18TH...SOME MID LEVEL MOISTURE MOVED INTO THE AREA FROM THE SOUTHEAST...AND A COUPLE OF THUNDERSTORMS DEVELOPED IN THE EASTERN ANTELOPE VALLEY...AND ACROSS SOUTHEASTERN SAN LUIS OBISPO COUNTY AND CUYAMA VALLEY.

FROM THE 27TH THROUGH THE END OF THE MONTH...SOUTHEAST TO SOUTH FLOW ALOFT ON THE WESTERN SIDE OF A LARGE UPPER HIGH OVER THE DESERT SOUTHWEST TRANSPORTED MID LEVEL MOISTURE INTO THE REGION. THIS CAUSED ISOLATED SHOWERS AND THUNDERSTORMS TO DEVELOP EACH AFTERNOON AND EVENING ACROSS THE ANTELOPE VALLEY...THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES AND THE INTERIOR SECTIONS OF SAN LUIS OBISPO AND SANTA BARBARA COUNTIES. SEVERE THUNDERSTORM WARNINGS WERE

ISSUED FOR REMOTE PORTIONS OF NORTHERN SANTA BARBARA AND SOUTHEASTERN SAN LUIS OBISPO COUNTIES ON THE 27TH AND 28TH. ON THE 28TH...HAIL MEASURING THREE QUARTERS OF AN INCH IN DIAMETER WAS REPORTED BY FOREST SERVICE EMPLOYEES JUST TO THE WEST OF CALIFORNIA VALLEY. ON THE 29TH...SHOWERS PRODUCED 0.02 INCHES OF RAIN AT LANCASTER AIRPORT. THAT WAS ENOUGH TO SET A RAINFALL RECORD FOR THE DATE.

.....CLIMATE DATA FOR MAY 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

L.A. DOWNTOWN	75.4	59.7	67.5	66.2	90/56	0.00	0.31	0%
L.A. ARPT	69.0	58.7	63.9	63.1	80/55	0.00	0.24	0%
LONG BEACH ARPT	73.3	59.4	66.3	57.8	90/56	0.00	0.23	0%
UCLA	72.5	57.2	64.8	62.9	93/54	0.00	0.34	0%
BURBANK ARPT	78.9	58.2	68.6	65.9	99/54	0.00	0.37	0%
WOODLAND HILLS	84.8	52.9	68.8	65.2	97/41	0.00	0.32	0%
LANCASTER ARPT	89.5	59.1	74.3	66.1	102/50	0.02	0.12	17%
SANDBERG	74.4	54.0	64.2	57.4	89/46	0.04	0.28	14%
CAMARILLO ARPT	70.1	53.7	61.9	60.5	84/48	0.00	0.21	0%
SANTA BARBARA ARPT	71.6	53.5	62.6	60.9	101/47	0.00	0.23	0%
SANTA MARIA ARPT	69.5	49.2	59.4	57.8	83/44	0.08	0.32	25%
PASO ROBLES ARPT	86.0	48.8	67.4	63.3	106/41	0.03	0.23	13%

*****JUNE 2009*****

RAINFALL GENERALLY AVERAGED ONE TENTH TO ONE QUARTER OF AN INCH ACROSS THE AREA DURING THE MONTH...WITH LOCAL TOTALS OVER ONE HALF INCH. SINCE...JUNE IS A VERY DRY MONTH ACROSS THE REGION...THOSE RAINFALL TOTALS WERE ACTUALLY ABOVE NORMAL IN MANY AREAS.

TEMPERATURES ACROSS SOUTHWESTERN CALIFORNIA IN JUNE WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS THE COASTAL PLAIN...AND 2 TO 4 DEGREES BELOW NORMAL ELSEWHERE...EXCEPT LOCALLY MORE THAN 5 DEGREES BELOW NORMAL IN THE MOUNTAINS.

AN UNSEASONABLY STRONG UPPER LEVEL LOW MOVED INTO THE EASTERN PACIFIC TO A POSITION OFF THE CENTRAL COAST LATE ON TUESDAY THE 2ND AND WEDNESDAY THE 3RD. A VERY STRONG (FOR JUNE) 110 KNOT JET STREAM NOSED INTO THE AREA FROM THE SOUTH ALONG WITH A DECENT AMOUNT OF MID LEVEL MOISTURE. A FEW SHOWERS AND THUNDERSTORMS AFFECTED EASTERN LOS ANGELES COUNTY DURING THE EARLY MORNING HOURS ON THE 3RD...WITH ADDITIONAL ISOLATED SHOWER AND THUNDERSTORM ACTIVITY ACROSS THE ENTIRE AREA DURING THE AFTERNOON. RECORD DAILY RAINFALL TOTALS WERE SET AT SANDBERG WHERE 0.03 INCHES OF RAIN FELL...AND AT PALMDALE AIRPORT...WHERE 0.02 INCHES OF RAIN WAS RECORDED.

THE UPPER LOW DROPPED SLOWLY SOUTHWARD ACROSS THE PACIFIC TO A POSITION JUST WEST OF MONTEREY BY THE EARLY MORNING HOURS OF THE 5TH...THEN THE UPPER LOW DRIFTED ACROSS NORTHERN SECTIONS OF THE FORECAST AREA. NUMEROUS SHOWERS AND ISOLATED THUNDERSTORMS AFFECTED THE REGION ON THE 5TH. RAINFALL TOTAL GENERALLY RANGED FROM ONE TENTH TO ONE QUARTER OF AN INCH ACROSS LOS ANGELES AND VENTURA COUNTIES....AND ONE QUARTER TO ONE HALF INCH ACROSS SANTA BARBARA AND SAN LUIS OBISPO COUNTIES...WITH LOCALLY HIGHER TOTALS. SOME RAINFALL TOTALS INCLUDED 0.79 INCHES AT THE LOPEZ RECREATION

AREA...0.59 INCHES AT REFUGIO PASS...0.55 INCHES AT OCEANO...0.51 INCHES AT SANTA BARBARA AIRPORT...0.49 INCHES AT GOLETA FIRE STATION...0.47 INCHES AT CIRCLE X RANCE...0.39 INCHES AT MONTECITO...0.36 INCHES AT LA PANZA...0.35 INCHES AT WHITE LEDGE PEAK...0.28 INCHES AT CAMP NINE...0.24 INCHES AT SANTA MARGARITA AND SAN MARCOS PASS...0.23 INCHES AT SAN LUIS OBISPO AIRPORT...0.22 INCHES AT MORRO BAY AND SAN LUIS HARBOR...0.21 INCHES AT BEVERLY HILLS...0.20 INCHES AT LA CUMBRE PEAK...SISAR PEAK...OLD MAN MOUNTAIN AND AGOURA HILLS...0.15 INCHES AT THE NATIONAL WEATHER SERVICE IN OXNARD...0.13 INCHES AT DOWNTOWN LOS ANGELES AND 0.05 INCHES AT LOS ANGELES AIRPORT.

A RECORD RAINFALL OF 0.39 INCHES WAS SET AT SAN LUIS OBISPO CAL POLY CA ON THE 5TH.

THE 0.51 INCHES OF RAINFALL RECORDED AT SANTA BARBARA AIRPORT ON THE 5TH WAS NOT ONLY A RECORD FOR THE DATE...IT WAS ALSO A RECORD FOR ANY SINGLE DAY IN THE MONTH OF JUNE. THE OLD RECORD WAS 0.41 INCHES SET ON JUNE 20TH 1988.

IN ADDITION...THE RAINFALL ON THE 5TH AT SANTA BARBARA AIRPORT ESTABLISHED A NEW RECORD FOR RAINFALL FOR THE ENTIRE MONTH OF JUNE. THE OLD RECORD FOR THE MONTH OF JUNE WAS 0.46 INCHES SET IN 19 WEATHER RECORDS AT SANTA BARBARA AIRPORT GO BACK TO 1941.

ON THE 20TH...SOME LIGHT RAIN DEVELOPED IN THE FOOTHILLS AS A RESULT OF A VERY DEEP MARINE LAYER ACROSS THE REGION. RAINFALL OF 0.01 INCHES AT BURBANK SET A RECORD FOR THE DATE.

AN UPPER LEVEL TROUGH LINGERING ALONG THE WEST COAST CONTINUE TO BRING COOL WEATHER TO THE REGION DURING THE MIDDLE AND END OF THE MONTH. ON THE 21ST...THE LOW TEMPERATURE OF 46 DEGREES AT SANDBERG SET AT RECORD FOR THE DATE...WHILE THE LOW OF 43 DEGREES AT PASO ROBLES AIRPORT TIED A DAILY RECORD. ON THE 22ND...THE LOW TEMPERATURE OF 44 DEGREES AT PASO ROBLES AIRPORT TIED A RECORD FOR THE DATE.

DAILY HIGH TEMPERATURES AT BOTH DOWNTOWN LOS ANGELES AND AT LOS ANGELES INTERNATIONAL AIRPORT WERE BELOW NORMAL ON EVERY SINGLE DAY IN THE MONTH OF JUNE.

ALSO AT DOWNTOWN LOS ANGELES...HIGH TEMPERATURES REACHED OR EXCEEDED 80 DEGREES ON JUST TWO DAYS DURING THE MONTH OF JUNE...THE LOWEST NUMBER OF SUCH OCCURRENCES SINCE JUNE 1982...WHICH HAD ONLY ONE SUCH DAY. THE AVERAGE DAILY HIGH TEMPERATURE FOR JUNE 2009 WAS 74.5 DEGREES...5 DEGREES BELOW THE NORMAL OF 79.5 DEGREES. INTERESTINGLY...THE AVERAGE HIGH FOR JUNE WAS JUST SLIGHTLY WARMER THAN THE AVERAGE MAXIMUM FOR THIS PAST JANUARY...WHEN THE DAILY HIGH AVERAGED 74.2 DEGREES. OF COURSE...THAT WAS ABOUT 6 DEGREES ABOVE NORMAL FOR JANUARY.

AT LOS ANGELES INTERNATIONAL AIRPORT...THE HIGH TEMPERATURE FOR THE MONTH OF JUNE WAS JUST 71 DEGREES...THE LOWEST MONTHLY MAXIMUM FOR ANY JUNE SINCE RECORDS BEGAN THERE IN 1944. DAILY HIGH TEMPERATURES VARIED BY JUST 5 DEGREES DURING THE MONTH OF JUNE AT LOS ANGELES AIRPORT...FROM A LOW OF 66 ON THE 3RD...TO A HIGH OF 71 DEGREES ON TEN SEPARATE DAYS...MOST RECENTLY ON THE 27TH. THE AVERAGE HIGH TEMPERATURE FOR JUNE 2009 AT LOS ANGELES AIRPORT WAS 69.3 DEGREES...3.4 DEGREES BELOW NORMAL...AND THE LOWEST AVERAGE JUNE MAXIMUM SINCE 1982. IT WAS ALSO LOWER THAN THE AVERAGE HIGH TEMPERATURE DURING THIS PAST JANUARY WHICH WAS 69.5 DEGREES.

.....CLIMATE DATA FOR JUNE 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

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L.A. DOWNTOWN	74.7	60.8	67.6	70.5	81/57	0.15	0.06	250%
L.A. ARPT	69.3	60.6	65.0	66.4	71/57	0.15	0.08	188%
LONG BEACH ARPT	74.1	60.8	67.5	69.8	84/57	0.04	0.08	50%
UCLA	71.4	58.2	64.8	66.3	76/54	0.18	0.11	164%
BURBANK ARPT	75.5	58.9	67.2	70.8	94/54	0.10	0.12	83%
WOODLAND HILLS	81.3	53.3	67.3	71.0	105/48	0.08	0.07	114%
LANCASTER ARPT	84.8	58.5	71.6	74.8	105/49	0.01	0.05	20%
SANDBERG	71.7	51.9	61.8	67.0	92/39	0.04	0.07	57%
CAMARILLO ARPT	70.8	56.6	63.7	63.3	75/51	0.06	0.05	120%
SANTA BARBARA ARPT	69.7	54.4	62.1	64.2	75/49	0.51	0.05	1020%
SANTA MARIA ARPT	70.5	52.3	61.4	60.9	76/47	0.00	0.05	0%
PASO ROBLES ARPT	83.2	50.0	66.6	69.4	106/43	0.00	0.02	0%

*****JULY 2009*****

AS IS TYPICAL IN SOUTHWESTERN CALIFORNIA...JULY WAS VERY DRY...WITH MOST AREAS RECEIVING NO MEASURABLE RAIN. HOWEVER...SOME THUNDERSTORM ACTIVITY DID AFFECT A FEW LOCATIONS IN THE THE MOUNTAINS AND DESERTS.

TEMPERATURES IN JULY WERE GENERALLY WITHIN A DEGREE OR TWO OF NORMAL ACROSS THE REGION...EXCEPT 3 TO 5 DEGREES ABOVE NORMAL IN THE ANTELOPE VALLEY AND THE MOUNTAINS.

ON THE 10TH...THE HIGH TEMPERATURE AT DOWNTOWN LOS ANGELES REACHED 86 DEGREES...3 DEGREES ABOVE THE NORMAL HIGH FOR THE DAY OF 83 DEGREES. THIS WAS THE FIRST TIME THAT THE HIGH TEMPERATURE ROSE TO ABOVE NORMAL LEVELS THERE SINCE MAY 21ST...A STRING OF 49 CONSECUTIVE DAYS. WHILE RECORDS FOR CONSECUTIVE DAYS WITH BELOW NORMAL TEMPERATURES ARE NOT TYPICALLY MAINTAINED...THIS IS A FAIRLY NOTEWORTHY STRETCH OF COOL WEATHER...THE RESULT OF A PERSISTENT UPPER LEVEL TROUGH LINGERING ACROSS SOUTHERN CALIFORNIA.

HOT WEATHER BEGAN TO BUILD ACROSS THE REGION DURING THE MIDDLE OF THE MONTH...ESPECIALLY IN THE DESERTS...MOUNTAINS AND INTERIOR VALLEYS. EXCESSIVE HEAT WARNINGS WERE ISSUED FOR THE MOUNTAINS FROM THE 17TH THROUGH THE 22ND. HEAT INDEX VALUES...MEASURING THE COMBINED EFFECT OF HEAT AND HUMIDITY...REACHED 105 TO 108 DEGREES AT MANY LOCATIONS IN THE MOUNTAINS ON THE 19TH...AS WELL AS IN A FEW VALLEY LOCATIONS. ON THE 17TH...MAXIMUM TEMPERATURES INCLUDED 108 DEGREES AT LANCASTER...PALMDALE AND PASO ROBLES...WHILE ON THE 18TH...A HIGH OF 111 DEGREES WAS RECORDED AT LANCASTER...WITH 110 DEGREES IN PALMDALE...109 DEGREES IN PASO ROBLES...AND A DAILY RECORD OF 106 DEGREES AT CHATSWORTH. MAXIMUM TEMPERATURES ON THE 19TH INCLUDED 110 DEGREES IN PASO ROBLES...108 IN NEWHALL...CUYAMA...LANCASTER AND PALMDALE...AND 106 IN CHATSWORTH...WOODLAND HILLS AND OJAI.

ON THE 20TH...A RECORD HIGH OF 104 DEGREES WAS TIED IN CUYAMA...WHILE A RECORD HIGH MINIMUM TEMPERATURES WERE SET IN BURBANK WITH 73 DEGREES AND LANCASTER WITH 81 DEGREES. ON THE 21ST...A DAILY RECORD HIGH TEMPERATURE OF 107 DEGREES WAS SET AT

LANCASTER...BREAKING THE RECORD OF 106 DEGREES. ON THE 28TH...THE HIGH TEMPERATURE OF 107 DEGREES AT LANCASTER TIED A RECORD FOR THE DATE. FOR 21 CONSECUTIVE DAYS...FROM THE 11TH THROUGH THE 31ST...HIGH TEMPERATURES REACHED OR EXCEEDED 100 DEGREES AT BOTH LANCASTER AIRPORT AND PALMDALE AIRPORT. THE WAS THE LONGEST SUCH STRETCH IN LANCASTER SINCE 1974 AND THE SECOND LONGEST IN PALMDALE SINCE 1931...TWO DAYS SHY OF THE 23 CONSECUTIVE DAYS ENDING JULY 29TH 1961.

.....CLIMATE DATA FOR JULY 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

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L.A. DOWNTOWN	83.8	64.3	74.0	74.2	92/60	0.00	0.01	0%
L.A. ARPT	73.8	63.0	68.4	69.3	79/58	0.00	0.03	0%
LONG BEACH ARPT	82.9	64.3	73.6	73.8	92/58	0.00	0.02	0%
UCLA	78.9	61.5	70.2	69.5	86/57	0.00	0.02	0%
BURBANK ARPT	89.4	64.8	77.1	75.5	98/59	0.00	0.02	0%
WOODLAND HILLS	96.4	58.2	77.3	76.0	106/52	0.00	0.01	0%
LANCASTER ARPT	101.1	68.9	85.0	80.8	111/58	0.00	0.10	0%
SANDBERG	88.0	66.5	77.2	73.8	99/56	0.00	0.02	0%
CAMARILLO ARPT	76.0	57.5	66.8	65.9	81/53	0.00	0.02	0%
SANTA BARBARA ARPT	72.6	56.5	64.6	67.0	79/51	0.00	0.03	0%
SANTA MARIA ARPT	71.5	52.3	61.9	63.5	77/49	0.00	0.03	0%
PASO ROBLES ARPT	96.9	53.2	75.0	73.8	110/47	0.00	0.01	0%

*****AUGUST 2009*****

AUGUST WAS...AS IS TYPICAL...A VERY DRY MONTH ACROSS SOUTHWESTERN CALIFORNIA...WITH MOST AREAS RECEIVING NO MEASURABLE RAINFALL DURING THE MONTH. HOWEVER...JUST LIKE IN JULY...THERE WERE ISOLATED SHOWERS AND THUNDERSTORMS OF A FEW DAYS...BRINGING SOME RAIN TO THE MOUNTAINS AND DESERTS.

AVERAGE TEMPERATURES FOR THE MONTH OF AUGUST WERE GENERALLY WITHIN A DEGREE OR TWO OF NORMAL IN MOST AREAS...EXCEPT WERE ABOUT 4 DEGREES BELOW NORMAL ACROSS THE SOUTH COAST OF SANTA BARBARA COUNTY.

ON THE 6TH...GUSTY NORTHWEST TO NORTH WINDS AFFECTED THE SANTA YNEZ RANGE IN SOUTHERN SANTA BARBARA COUNTY AND LOCATIONS BELOW PASSES AND CANYONS ON THE ADJACENT SOUTH COAST. PEAK WIND GUSTS REACHED 35 TO 45 MPH. ON THE 7TH...THE LOW TEMPERATURE OF 48 DEGREES AT SANDBERG TIED A RECORD FOR THE DAY.

THE LA BREA WILDFIRE BROKE OUT IN THE LOS PADRES NATIONAL FOREST IN SANTA BARBARA COUNTY ON THE 8TH. IN CONTINUED TO BURN THROUGH THE 21ST...WHEN IT WAS FINALLY BECAME 100 PERCENT CONTAINED. THE FIRE SCORCHED OVER 89000 ACRES.

THE MIDDLE OF THE MONTH WAS RATHER COOL ACROSS THE REGION... PARTICULARLY IN COASTAL AND VALLEY AREAS...AS AN UNUSUALLY PERSISTENT MARINE LAYER LINGERED. ON THE 17TH...THE LOW TEMPERATURE OF 52 DEGREES AT LANCASTER TIED A RECORD FOR THE DAY. FROM THE 9TH THROUGH THE 20TH...OR ON 12 CONSECUTIVE DAYS...HIGH TEMPERATURES AT SANTA BARBARA AIRPORT FAILED TO REACH 70 DEGREES...A NEW RECORD FOR AUGUST...BREAKING THE OLD STRING OF 11 SUCH DAYS FROM THE 8TH

THROUGH THE 18TH OF AUGUST 1950.

AN UPPER LOW OFF THE COAST OF SOUTHWESTERN CALIFORNIA BROUGHT SOME SHOWERS AND THUNDERSTORMS TO THE REGION FROM THE 21ST THROUGH THE 23RD...WITH THE SHOWER AND THUNDERSTORM ACTIVITY CONFINED MAINLY TO THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES AND THE ANTELOPE VALLEY. A WEAK DISTURBANCE MOVING THROUGH THE CENTRAL COAST BROUGHT A FEW SHOWERS THERE ON THE 22ND. THE 0.01 INCHES OF RAIN RECEIVED IN SANTA MARIA TIED A DAILY RECORD FOR RAINFALL ON THE 22ND. AT SANDBERG...SHOWERS AMOUNTED TO 0.04 INCHES ON THE 22ND...BREAKING THE RECORD FOR THE DAY WHICH HAD BEEN 0.03 INCHES SET IN 1961.

ON THE 23RD...A THUNDERSTORM DEVELOPED OVER THE MOUNTAINS OF VENTURA COUNTY NEAR PINE MOUNTAIN AND REYES PEAK...AND A FLASH FLOOD WARNING WAS ISSUED.

HOT CONDITIONS RETURNED TO MUCH OF THE REGION ON THE 25TH...AND CONTINUED THROUGH THE END OF THE MONTH. ON THE 27TH...NEW DAILY RECORD HIGH TEMPERATURES INCLUDED 103 DEGREES AT LONG BEACH...91 DEGREES AT CAMARILLO...89 DEGREES AT OXNARD...AND 88 DEGREES AT SANTA MARIA.

ON THE 28TH...NEW RECORDS INCLUDED 95 DEGREES AT UCLA...89 DEGREES AT LOS ANGELES INTERNATIONAL AIRPORT...87 DEGREES IN OXNARD...AND 86 DEGREES AT CAMARILLO...WHILE THE HIGH OF 96 DEGREES AT LONG BEACH AIRPORT TIED A DAILY RECORD.

ON THE 29TH...A NEW DAILY RECORD HIGH TEMPERATURE WAS SET AT SANTA MARIA...WHERE THE HIGH OF 104 DEGREES SHATTERED THE OLD RECORD OF 88 DEGREES. DAILY RECORDS WERE SET AT UCLA WITH 96 DEGREES...OXNARD WITH 91 DEGREES AND CAMARILLO WITH 90 DEGREES.

ON THE 30TH...THE HIGH TEMPERATURE OF 89 DEGREES AT CAMARILLO SET A NEW RECORD FOR THE DAY...WHILE HIGH TEMPERATURES OF 94 DEGREES AT UCLA AND 88 DEGREES AT OXNARD TIED DAILY RECORDS.

THE COMBINATION OF HIGH HEAT AND VERY LOW HUMIDITIES PROMPTED THE ISSUANCE OF RED FLAG WARNINGS FOR THE MOUNTAINS OF LOS ANGELES... VENTURA...SANTA BARBARA AND SAN LUIS OBISPO COUNTIES FROM THE 26TH THROUGH THE 30TH...EXCEPT THROUGH THE 31ST ACROSS LOS ANGELES COUNTY.

THE MORRIS FIRE BROKE OUT ON THE AFTERNOON OF THE 25TH NORTH OF AZUSA NEAR THE MORRIS DAM. THIS FIRE GREW TO OVER 2100 ACRES AND WAS CONTAINED ON SEPTEMBER 3RD. IT DID NOT DESTROY OR DAMAGE ANY HOMES...AND RESULTED IN NO DEATHS OR INJURIES.

THE STATION FIRE BEGAN ON THE AFTERNOON OF AUGUST 26TH ABOVE LA CANADA FLINTRIDGE. THE CAUSE WAS THOUGHT TO BE ARSON. IT BECAME THE LARGEST WILDFIRE IN LOS ANGELES COUNTY HISTORY...AND THE 10TH LARGEST IN CALIFORNIA HISTORY...BURNING OVER 160000 ACRES. THE FIRE STRETCHED FROM THE SOUTH SIDE OF THE SAN GABRIEL MOUNTAINS NORTHWARD TO THE ANTELOPE VALLEY FOOTHILLS NEAR ACTON. MOUNT WILSON...HOME TO NUMEROUS COMMUNICATION ANTENNAS AND A HISTORICAL OBSERVATORY WAS THREATENED BY THE FIRE...BUT LUCKILY LITTLE DAMAGE WAS REPORTED. THE FIRE WAS NOT CONTAINED UNTIL THE MIDDLE OF SEPTEMBER.

DURING THE MAIN BURNING PERIOD...FLAME LENGTHS REACHED 200 TO 300 FEET AT TIMES. MANY QUOTES FROM FIRE SPOKESPERSONS REPEATED THE SAME THEME...THAT THIS WAS AN "ANGRY" FIRE "OUT OF CONTROL" AND "ALL THIS HAPPENED WITH VERY LITTLE WIND". SMOKE FROM THE FIRE BROUGHT NUMEROUS BAD AIR QUALITY DAYS TO THE LOS ANGELES AREA...AND SMOKE

WAS REPORTED AS FAR EAST AS COLORADO. TRAGICALLY...TWO FIREFIGHTERS WERE KILLED WHEN THEY DROVE A VEHICLE OFF A CLIFF ON MOUNT GLEASON WHILE ATTEMPTING TO FIND AN ESCAPE ROUTE AFTER HELPING INMATES WORKING THE FIRE INTO A CONCRETE SHELTER.

THE RANCHO PALOS VERDES FIRE BEGAN ON THE 27TH AND BURNED 235 ACRES. IT DESTROYED TWO STRUCTURES AND DAMAGED 6 HOMES. NO DEATHS OR INJURIES WERE ATTRIBUTED TO THE FIRE.

METEOROLOGICAL SUMMER...CONSIDERED TO BE THE MONTHS OF JUNE...JULY AND AUGUST WAS COOLER THAN NORMAL ACROSS MUCH OF SOUTHWESTERN CALIFORNIA IN 2009. AVERAGE TEMPERATURES FOR THE SUMMER WERE GENERALLY BETWEEN ONE AND TWO DEGREES BELOW NORMAL IN MOST COASTAL AND VALLEY AREAS...THANKS TO A PERVASIVE MARINE LAYER DURING THE VERY COOL MONTH OF JUNE. IN THE MOUNTAINS AND DESERTS...AVERAGE TEMPERATURES FOR THE SUMMER WERE ACTUALLY CLOSE TO NORMAL.

.....CLIMATE DATA FOR AUGUST 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

-								
L.A. DOWNTOWN	84.1	64.4	74.2	75.2	101/60	0.00	0.13	0%
L.A. ARPT	75.0	62.6	68.8	70.7	89/60	0.00	0.14	0%
LONG BEACH ARPT	84.4	64.4	74.4	75.1	103/62	0.00	0.10	0%
UCLA	80.4	62.5	71.5	70.7	96/58	0.00	0.16	0%
BURBANK ARPT	88.5	64.0	76.2	76.2	105/59	0.00	0.18	0%
WOODLAND HILLS	94.2	57.1	75.6	76.8	107/52	0.00	0.15	0%
LANCASTER ARPT	97.4	62.5	79.9	79.5	106/49	0.00	0.14	0%
SANDBERG	85.2	63.2	74.2	73.8	93/48	0.04	0.09	44%
CAMARILLO ARPT	76.9	57.5	67.2	67.0	91/52	0.00	0.07	0%
SANTA BARBARA ARPT	73.7	55.5	64.6	68.6	89/49	0.00	0.11	0%
SANTA MARIA ARPT	74.4	53.3	63.8	64.2	104/49	0.01	0.05	20%
PASO ROBLES ARPT	94.3	52.0	73.2	73.7	107/42	0.00	0.06	0%

*****SEPTEMBER 2009*****

MOST AREAS RECEIVED NO MEASURABLE RAIN DURING THE MONTH OF SEPTEMBER. ONLY A FEW LOCATIONS IN SAN LUIS OBISPO AND SANTA BARBARA COUNTIES REPORTED MEASURABLE RAIN...AND TOTALS WERE LESS THAN A TENTH OF AN INCH. ALTHOUGH THE THREAT OF RAIN TYPICALLY BEGINS TO INCREASE SOMEWHAT ACROSS SOUTHWESTERN CALIFORNIA BY LATE SEPTEMBER...NORMAL RAINFALL AVERAGES LESS THAN ONE HALF INCH IN MOST LOCATIONS.

AVERAGE TEMPERATURES FOR THE MONTH OF SEPTEMBER WERE GENERALLY 2 TO 4 DEGREES ABOVE NORMAL...EXCEPT WERE GENERALLY CLOSE TO NORMAL NEAR THE IMMEDIATE COAST.

ON THE 2ND...A COUPLE OF THUNDERSTORMS DEVELOPED OVER THE REGION. ONE NEAR MOUNT BALDY PRODUCED GUSTY DOWNDRAFT WINDS BETWEEN PEARBLOSSOM AND LAKE LOS ANGELES...CAUSING BLOWING DUST AND SAND WHICH REDUCED VISIBILITIES TO LESS THAN ONE QUARTER OF A MILE. ANOTHER STORMS DEVELOPED IN THE NORTHWEST PART OF THE VENTURA COUNTY MOUNTAINS NEAR HIGHWAY 33.

THE HOT WEATHER WHICH BEGAN DURING THE END OF AUGUST CONTINUED THROUGH THE BEGINNING OF SEPTEMBER.

ON THE 3RD...THE HIGH TEMPERATURE OF 88 DEGREES AT SANTA MARIA AIRPORT TIED A RECORD FOR THE DATE. ON THE 4TH...THE HIGH TEMPERATURE IN DOWNTOWN LOS ANGELES REACHED 96 DEGREES...THE LAST IN A STRING OF 10 CONSECUTIVE DAYS WHICH BEGAN ON AUGUST 26TH...ON ON WHICH MAXIMUM TEMPERATURES REACHED 90 DEGREES OR HIGHER. THIS WAS THE LONGEST STREAK OF CONSECUTIVE 90 DEGREE DAYS SINCE A 13 DAY STRETCH IN LATE AUGUST AND EARLY SEPTEMBER OF 1995. THIS LATEST STREAK TIED FOR THE FIFTH LONGEST SUCH STREAK SINCE RECORDS BEGAN IN 1877. ONLY FOUR STRETCHES OF CONSECUTIVE 90 DEGREE DAYS HAVE BEEN LONGER...INCLUDING A 14 DAY STRETCH IN 1971...13 DAY RUNS IN 1983 AND 1995...AND AN 11 DAY STRETCH IN 1984. THE OTHER YEARS WITH 10 CONSECUTIVE DAYS OF 90 DEGREE TEMPERATURES WERE 1886...1965...1972...1978 AND 1994.

A WEAKENING COLD FRONT MOVED THROUGH THE REGION ON THE 14TH. IT BROUGHT SOME VERY LIGHT MEASURABLE RAIN TO NORTHERN SECTIONS OF THE FORECAST AREA. THE 0.01 INCHES OF RAIN RECORDED AT PASO ROBLES AIRPORT TIED A RECORD FOR THE DATE...WHILE THE 0.01 INCHES AT SANTA MARIA SET A NEW DAILY RECORD.

RED FLAG WARNING CONDITIONS DEVELOPED ACROSS THE MOUNTAINS...AND ACROSS THE VALLEYS OF VENTURA AND LOS ANGELES COUNTIES ON THE 22ND THROUGH THE 24TH...DUE TO GUSTY NORTHEAST WINDS ARE VERY LOW RELATIVE HUMIDITIES. RED FLAG CONDITIONS IN THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES THROUGH THE 27TH DUE TO HIGH TEMPERATURES AND VERY LOW HUMIDITIES.

ON THE 22ND...THE GUIBERSON FIRE BROKE OUT IN THE VALLEYS OF VENTURA COUNTY. IT BURNED THROUGH THE 27TH...CHARRING OVER 17000 ACRES.

IN PASO ROBLES ON THE 22ND AND 23RD...HIGH TEMPERATURE OF 105 DEGREES AND 104 DEGREES RESPECTIVELY TIED RECORDS FOR THE DATE. ON THE 25TH...THE HIGH OF 105 DEGREES SET A NEW DAILY RECORD AT PASO ROBLES AIRPORT...AND ON THE 26TH...A NEW DAILY RECORD OF 107 DEGREES WAS SET.

ON 7 CONSECUTIVE DAYS...FROM THE 21ST THROUGH THE 27TH...TEMPERATURES REACHED OR EXCEEDED 100 DEGREES IN PASO ROBLES...THE SECOND LONGEST STREAK OF SUCH DAYS IN SEPTEMBER SINCE 1952. FOR THE MONTH...HIGHS REACHED OR EXCEEDED 100 DEGREES IN PASO ROBLES ON 13 DAYS...THE HIGHEST TOTAL SINCE 1952 AND WELL ABOVE THE AVERAGE OF 4.

ON THE 26TH...THE HIGH TEMPERATURE OF 101 DEGREES AT LANCASTER SET A NEW RECORD FOR THE DATE...WHILE THE HIGH OF 91 DEGREES AT SANDBERG TIED A DAILY RECORD. ALSO ON THE 26TH...HIGH TEMPERATURES REACHED 108 DEGREES AT NEWHALL...107 DEGREES AT CHATSWORTH AND 106 DEGREES AT WOODLAND HILLS.

DURING THE EVENING OF THE 29TH THROUGH THE 30TH...GUSTY NORTH WINDS AFFECTED THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTIES...AND THROUGH AND BELOW PASSES AND CANYONS OF THE SANTA YNEZ RANGE. PEAK WIND GUSTS INCLUDED 73 MPH AT WHITAKER PEAK...48 MPH AT CAMP NINE AND MONTECITO...44 MPH AT WILEY RIDGE...42 MPH AT FIGUEROA MOUNTAIN... AND 40 MPH AT CLEAR CREEK.

.....CLIMATE DATA FOR SEPTEMBER 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP								
	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

L.A. DOWNTOWN	86.4	66.0	76.2	74.0	100/60	0.00	0.32	0%
L.A. ARPT	76.0	63.8	69.9	70.1	93/60	0.00	0.26	0%
LONG BEACH ARPT	85.2	65.0	75.1	73.4	103/61	0.00	0.24	0%
UCLA	82.9	63.6	73.3	70.2	99/56	0.00	0.32	0%
BURBANK ARPT	90.2	64.9	77.6	73.5	101/56	0.00	0.30	0%
WOODLAND HILLS	95.1	57.2	76.2	73.5	106/46	0.00	0.24	0%
LANCASTER ARPT	95.3	57.8	76.6	72.6	104/44	0.00	0.20	0%
SANDBERG	83.2	62.3	72.8	69.3	93/37	0.00	0.25	0%
CAMARILLO ARPT	78.9	59.5	69.2	66.3	90/54	0.00	0.36	0%
SANTA BARBARA ARPT	76.3	58.0	67.1	67.4	88/48	0.00	0.42	0%
SANTA MARIA ARPT	75.6	52.2	63.9	63.9	89/42	0.01	0.31	3%
PASO ROBLES ARPT	94.7	51.5	73.1	70.0	107/37	0.06	0.36	17%

*****OCTOBER 2009*****

LARGELY DUE TO MOISTURE AND RAINS ASSOCIATED WITH THE REMNANTS OF SUPER TYPHOON MELOR...OCTOBER WAS A VERY WET MONTH ACROSS SOUTHWESTERN CALIFORNIA. MOST AREAS RECEIVED 300 TO 600 PERCENT OF NORMAL RAINFALL FOR THE MONTH...WITH A STRETCH FROM SOUTHEASTERN SANTA BARBARA COUNTY THROUGH WESTERN VENTURA COUNTY RECEIVING 700 TO 800 PERCENT OF NORMAL RAIN. ONLY THE DESERTS RECEIVED LITTLE IF ANY RAIN FOR THE MONTH.

AVERAGE TEMPERATURES FOR THE MONTH OF OCTOBER WERE MOSTLY 1 TO 3 DEGREES BELOW NORMAL ACROSS SOUTHWESTERN CALIFORNIA...EXCEPT UP TO 4 DEGREES BELOW NORMAL IN THE MOUNTAINS...AND NEAR NORMAL ALONG THE COAST FROM VENTURA COUNTY NORTHWARD THROUGH THE CENTRAL COAST.

A FRONTAL SYSTEM BROUGHT GUSTY WEST TO NORTHWEST WINDS TO MUCH OF SOUTHWESTERN CALIFORNIA ON THE 4TH. PEAK WIND GUSTS INCLUDED 55 MPH AT LAGUNA PEAK...47 MPH AT CAMP NINE...39 MPH AT MONTECITO...POINT MUGU AND OXNARD...37 MPH AT CAMARILLO...36 MPH AT LAKE PALMDALE...34 MPH AT VANDENBERG AND 33 MPH AT SANTA MARIA.

ON THE 4TH...THE LOW TEMPERATURE OF 37 DEGREES AT SANDBERG AND 34 DEGREES AT PASO ROBLES BROKE RECORDS FOR THE DAY.

ON THE 5TH...NEW DAILY RECORD LOW TEMPERATURES INCLUDED 33 DEGREES AT PASO ROBLES...35 DEGREES AT SANDBERG AND 53 DEGREES AT LOS ANGELES INTERNATIONAL AIRPORT. LOW TEMPERATURES OF 47 DEGREES AT CAMARILLO AND 43 DEGREES AT SANTA BARBARA AIRPORT TIED RECORDS FOR THE DAY.

ON THE 6TH...LOW TEMPERATURES OF 32 DEGREES AT LANCASTER AND 33 DEGREES AT PASO ROBLES BROKE RECORDS FOR THE DATE...WHILE LOWS OF 42 DEGREES IN WOODLAND HILLS AND 53 DEGREES AT UCLA TIED RECORDS FOR THE DAY. ON THE 7TH...THE LOW OF 36 DEGREES TIED A DAILY RECORD.

A VERY STRONG EARLY SEASON STORM WHICH CONTAINED MOISTURE FROM THE REMNANTS OF SUPER TYPHOON BELOW MOVED INTO THE WEST COAST LATE ON THE 12TH AND 13TH. A STRONG FRONTAL SYSTEM ASSOCIATED WITH THIS SYSTEM BROUGHT THE FIRST WIDESPREAD RAINS OF THE SEASON TO THE REGION ON THE 13TH INTO THE 14TH. RAINFALL TOTALS AVERAGE 1 TO 3 INCHES IN COASTAL AND VALLEY AREAS...3 TO 6 INCHES ACROSS THE FOOTHILLS...AND 6 TO 10 INCHES IN THE MOUNTAINS.

IN ADDITION...STRONG AND GUSTY SOUTH TO SOUTHEAST WINDS DEVELOPED ACROSS MUCH OF SAN LUIS OBISPO AND SANTA BARBARA COUNTIES...AS WELL AS THE MOUNTAINS OF VENTURA AND LOS ANGELES COUNTY AND THE ANTELOPE VALLEY ON THE 13TH.

PEAK WIND GUSTS INCLUDED 78 MPH AT TWISSELMAN RAWS (RIGHT ON THE BORDER OF SAN LUIS OBISPO AND KERN COUNTY)...69 MPH AT CAMP NINE...64 MPH AT GRASS MOUNTAIN...59 MPH AT SANDBERG...53 MPH AT CARRIZO AND LAKE PALMDALE...51 MPH AT NEWHALL PASS...50 MPH AT WHITAKER PEAK...49 MPH AT CLEAR CREEK...48 MPH AT BRANCH MOUNTAIN...46 MPH AT VANDENBERG...45 MPH AT CHILAO AND MILL CREEK...39 MPH AT SAN LUIS OBISPO AND 36 MPH AT SANTA MARIA.

NUMEROUS TREES WERE KNOCKED DOWN IN ATASCADERO...AND HIGHWAY 1 NORTH OF THE CUESTA GRADE WAS TEMPORARILY BLOCKED BY A DOWNED TREE.

NUMEROUS DAILY RAINFALL RECORDS WERE SET ON THE 13TH AND THE 14TH. ON THE 13TH...NEW DAILY RECORDS INCLUDED 1.80 INCHES AT PASO ROBLES...1.67 INCHES AS SANTA BARBARA AIRPORT...0.66 INCHES AT PIERCE COLLEGE IN WOODLAND HILLS...0.59 INCHES AT BURBANK AIRPORT...0.57 INCHES AT SANDBERG AND 0.51 INCHES AT OXNARD.

ON THE 14TH...NEW DAILY RECORDS INCLUDED 1.95 INCHES AT SANTA BARBARA AIRPORT...1.09 INCHES AT LOS ANGELES INTERNATIONAL AIRPORT...0.62 INCHES AT PIERCE COLLEGE IN WOODLAND HILLS...0.51 INCHES AT OXNARD...0.50 INCHES AT SANTA MARIA AIRPORT...0.41 INCHES AT LONG BEACH AIRPORT AND 0.25 INCHES AT BURBANK AIRPORT.

STORM TOTALS FROM THE 13TH THROUGH THE EARLY MORNING HOURS OF THE 15TH WERE VERY IMPRESSIVE...ESPECIALLY FOR OCTOBER. SOME SELECTED TOTALS INCLUDED 13.62 INCHES AT ROCKY BUTTE...10.87 AT WHITE LEDGE PEAK...10.32 INCHES AT SAN MARCOS PASS...10.04 INCHES AT LAS TABLAS AND NORDHOFF RIDGE...7.40 INCHES IN ROSE VALLEY...7.13 INCHES AT PATERA RANCH...7.12 INCHES AT LA CUMBRE PEAK...5.98 INCHES AT OLD MAN MOUNTAIN...5.56 INCHES AT GIBRALTAR DAM...5.12 INCHES AT LAKE CASITAS...4.58 INCHES IN OJAI...3.65 INCHES AT SANTA BARBARA AIRPORT...3.15 INCHES AT SAN GABRIEL DAM...2.01 INCHES AT DOWNTOWN LOS ANGELES...1.91 INCHES IN NEWHALL...1.57 INCHES AT AGOURA HILLS...1.56 INCHES AT SANTA MARIA...1.52 INCHES AT OXNARD...1.31 INCHES AT LOS ANGELES AIRPORT...1.06 INCHES IN VAN NUYS AND 0.59 INCHES AT LONG BEACH AIRPORT.

BEHIND THE STORM SYSTEM...GUSTY NORTHWEST TO NORTH WINDS DEVELOPED ACROSS SANTA BARBARA COUNTY ON THE 15TH...WITH PEAK WIND GUSTS OF 55 MPH IN MONTECITO AND 38 MPH AT FIGUEROA MOUNTAIN. THE LOW LEVEL FLOW TURNED NORTHEASTERLY ON THE 16TH...AND THE OFFSHORE FLOW BROUGHT HOT WEATHER TO THE REGION. ON THE 16TH...HIGH TEMPERATURES REACHED 100 DEGREES AT BOTH CAMARILLO AIRPORT AND OXNARD...SETTING NEW RECORDS FOR THE DATE.

ON THE 25TH...STRONG AND GUSTY NORTH WINDS AFFECTED THE MOUNTAINS AND VALLEYS OF VENTURA AND LOS ANGELES COUNTIES. PEAK WIND GUSTS INCLUDED 55 MPH AT WARM SPRINGS...47 MPH AT CAMP NINE...45 MPH AT CHILAO AND NEWHALL PASS...44 MPH AT SAUGUS...43 MPH AT DEL VALLE...42 MPH AT ACTON AND 41 MPH AT WILEY RIDGE.

ON THE 26TH...THE HIGH TEMPERATURE OF 91 DEGREES AT UCLA BROKE THE RECORD FOR THE DATE.

IN THE WAKE OF A DRY COLD FRONT...VERY STRONG NORTHWEST TO NORTH WINDS DEVELOPED AGAIN ACROSS MUCH OF THE REGION ON THE 27TH AND PERSISTED INTO THE 28TH. PEAK WIND GUSTS INCLUDED 81 MPH AT WHITAKER PEAK...71 MPH AT WARM SPRINGS...65 MPH AT CAMP NINE...63 MPH IN SAUGUS AND POPPY PARK...59 MPH AT PALMDALE...57 MPH AT WARM SPRINGS...56 MPH AT SANDBERG...55 MPH IN VAN NUYS...54 MPH IN MONTECITO...53 MPH IN LANCASTER...52 MPH AT MALIBU HILLS...45 MPH AT SANTA MARIA...44 MPH AT VANDENBERG...41 MPH AT SANTA MONICA AIRPORT

AND 39 MPH AT SAN LUIS OBISPO AND LOS ANGELES INTERNATIONAL AIRPORT.

THE STRONG WINDS KNOCKED DOWN SEVERAL POWER POLES IN NORTH HOLLYWOOD...AND BLEW DOWN A JACK IN THE BOX SIGN WHICH NARROWLY MISSED PEOPLE. STRONG CROSS WINDS CAUSED PROBLEMS FOR SOME PLANES LANDING AT LOS ANGELES INTERNATIONAL AIRPORT.

.....CLIMATE DATA FOR OCTOBER 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM								

L.A. DOWNTOWN	77.9	59.2	68.5	69.5	98/52	2.07	0.37	559%
L.A. ARPT	72.2	57.8	65.0	66.9	91/51	1.31	0.36	364%
LONG BEACH ARPT	76.5	57.5	67.0	68.6	94/49	0.59	0.40	148%
UCLA	76.6	58.3	67.5	67.1	96/52	3.11	0.57	546%
BURBANK ARPT	77.5	55.4	66.4	67.6	97/48	0.84	0.55	153%
WOODLAND HILLS	79.3	48.5	63.9	66.8	98/39	1.39	0.62	224%
LANCASTER ARPT	77.0	43.5	60.2	61.8	93/28	0.01	0.30	3%
SANDBERG	64.5	46.9	55.7	59.9	82/29	0.67	0.32	209%
CAMARILLO ARPT	75.0	52.4	63.7	63.7	100/40	1.24	0.36	344%
SANTA BARBARA ARPT	73.0	51.9	62.4	63.5	89/40	3.63	0.52	698%
SANTA MARIA ARPT	73.7	49.6	61.7	61.1	95/35	1.57	0.45	349%
PASO ROBLES ARPT	75.5	44.4	60.0	62.5	88/30	1.83	0.51	359%

*****NOVEMBER 2009*****

NOVEMBER WAS UNUSUALLY DRY ACROSS THE REGION. VERY LITTLE RAINFALL FELL ACROSS SOUTHWESTERN CALIFORNIA DURING THE MONTH...AND MANY LOCATIONS DID NOT RECEIVE ANY MEASURABLE RAIN.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY WITHIN A DEGREE OF TWO OF NORMAL ACROSS SOUTHWESTERN CALIFORNIA. TEMPERATURES AT OR BELOW FREEZING WERE CONFINED TO THE MOUNTAINS...ANTELOPE VALLEY...THE INTERIOR VALLEYS OF SAN LUIS OBISPO COUNTY AND THE CUYAMA VALLEY.

ON THE 12TH...A WEAK FRONTAL SYSTEM SWEEPED THROUGH THE REGION. IN MOST AREAS...MEASURABLE RAIN DID NOT FALL...BUT AS THE FRONT PUSHED ACROSS EASTERN LOS ANGELES COUNTY...IT INTENSIFIED...AND A BAND OF HEAVY SHOWERS AND THUNDERSTORMS DEVELOPED OVER THE SAN GABRIEL VALLEY AND ADJACENT FOOTHILLS. A COUPLE OF LOCATIONS NEAR THE RECENT STATION BURN AREA RECEIVED OVER ONE HALF INCH OF RAIN...MOST OF WHICH FELL IN LESS THAN ONE HOUR. NO MAJOR DEBRIS FLOWS AFFECTED RESIDENTIAL AREAS AS A RESULT OF FROM THE RAIN...BUT ONE OF THE MAIN DEBRIS BASINS...THE MULLALY BASIN IN LA CRESCENTA COMPLETELY FILLED UP WITH 9400 CUBIC YARDS OF DEBRIS.

ON THE 14TH...THE LOW TEMPERATURE OF 39 DEGREES AT CAMARILLO AIRPORT TIED A RECORD FOR THE DATE.

GUSTY NORTH TO NORTHEAST WINDS DEVELOPED ACROSS SOUTHWESTERN CALIFORNIA ON THE 15TH AS A STRONG SURFACE HIGH PRESSURE SYSTEM MOVED INTO THE GREAT BASIN. PEAK WIND GUSTS INCLUDED 64 MPH AT LAGUNA PEAK...54 MPH AT WILEY RIDGE...53 MPH AT WARM SPRINGS AND 42 MPH AT CHILAO.

ANOTHER DRY COLD FRONT SWEEPED THROUGH THE REGION ON THE 18TH. BEHIND THIS FRONT...STRONG NORTHWEST TO NORTH WINDS PORTIONS OF SOUTHWESTERN

CALIFORNIA DURING THE EVENING HOURS OF THE 18TH INTO THE MORNING OF THE 19TH. PEAK WIND GUSTS INCLUDED 78 MPH AT MONTECITO...71 MPH AT WHITAKER PEAK...48 MPH AT WILEY RIDGE...43 MPH AT WARM SPRINGS AND CAMP NINE AND 42 MPH AT SAUGUS.

A WEAK COLD FRONT MOVED THROUGH THE REGION ON THE 20TH...BRINGING VERY LIGHT AMOUNTS OF MEASURABLE RAIN TO SAN LUIS OBISPO COUNTY. RAINFALL TOTALS WERE LESS THAN A TENTH OF AN INCH. BEHIND THIS FRONT...GUSTY NORTHWEST TO NORTH WINDS AFFECTED PORTIONS OF THE REGION ON THE 21ST INTO THE 22ND. PEAK WIND GUSTS INCLUDED 57 MPH AT WHITAKER PEAK...48 MPH AT SANDBERG AND POPPY PARK...44 MPH AT MONTECITO AND 43 MPH AT CAMP NINE. ANOTHER SURGE OF GUSTY NORTHWEST TO NORTH WINDS OCCURRED LATE AT NIGHT ON THE 22ND INTO THE 23RD. WINDS SHIFTED TO A MORE NORTHEASTERLY DIRECTION LATE ON THE 23RD...AND GUSTY WINDS CONTINUED INTO THE MORNING OF THE 25TH. PEAK WIND GUSTS INCLUDED 73 MPH AT WHITAKER PEAK...70 MPH AT WILEY RIDGE...65 MPH AT CAMP NINE...58 MPH AT LAGUNA PEAK AND CLEAR CREEK...57 MPH AT CHILAO...54 MPH AT WARM SPRINGS...53 MPH AT DEL VALLE...MONTECITO AND CHEESEBORO...51 MPH AT POINT MUGU...49 MPH AT MALIBU HILLS AND NEWHALL PASS...45 MPH AT SAUGUS...43 MPH AT OXNARD AIRPORT...AND 41 MPH AT CAMARILLO AIRPORT.

ON THE 22ND...ANOTHER DRY COLD FRONT PUSHED THROUGH THE REGION. BEHIND THIS FRONT...GUSTY NORTHWEST TO NORTH WINDS DEVELOPED IN THE MOUNTAINS AND ADJACENT VALLEYS LATE IN THE DAY...AND CONTINUED INTO THE 23RD. WINDS SHIFTED TO THE NORTHEAST BY EARLY ON THE 24TH AND SPREAD INTO SOME COASTAL AREAS AS WELL. THE GUSTY WINDS CONTINUED INTO THE 25TH. PEAK WIND GUSTS INCLUDED 73 MPH AT WHITAKER PEAK...70 MPH AT WILEY RIDGE...65 MPH AT CAMP NINE...58 MPH AT LAGUNA PEAK AND CLEAR CREEK...57 MPH CHILAO...54 MPH AT WARM SPRINGS...53 MPH AT DEL VALLE...MONTECITO AND CHEESEBORO...51 MPH AT POINT MUGU...49 MPH AT MALIBU HILLS AND NEWHALL PASS...48 MPH AT SANDBERG AND POPPY PARK...45 MPH AT SAUGUS...43 MPH AT OXNARD...AND 41 MPH AT CAMARILLO.

A COLD UPPER LOW TRACKED SOUTHWARD ACROSS CALIFORNIA AND INTO THE SOUTHLAND ON THE 28TH. THIS SYSTEM BROUGHT WIDESPREAD SHOWERS TO THE REGION WITH SNOW ABOVE 4000 FEET. RAINFALL TOTALS WERE GENERALLY AROUND ONE TENTH OF AN INCH OR LESS. HOWEVER..THE SAN GABRIEL VALLEY AND ADJACENT FOOTHILLS RECEIVED HIGHER TOTALS...INCLUDING 0.77 INCHES AT SAN ANTONIO DAM...0.44 INCHES AT BIG DALTON DAM...AND 0.21 INCHES AT CLAREMONT. IN THE MOUNTAINS...SNOW TOTALS INCLUDED 6 INCHES AT PINE MOUNTAIN CLUB AT 5000 FEET...5 INCHES AT LAKE OF THE WOODS AT 5200 FEET...4 INCHES AT FRAZIER PARK AT 5060 FEET...AND 3 INCHES AT BIG PINES AT 6900 FEET AND LOCKWOOD VALLEY AT 5000 FEET.

.....CLIMATE DATA FOR NOVEMBER 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
-								
L.A. DOWNTOWN	74.9	53.0	64.0	62.9	87/49	0.01	1.05	1%
L.A. ARPT	70.6	52.5	61.5	61.6	83/48	0.00	1.13	0%
LONG BEACH ARPT	74.0	50.5	62.3	61.8	86/43	0.00	1.12	0%
UCLA	73.8	55.1	64.5	62.3	88/49	T	1.35	0%
BURBANK ARPT	75.1	48.5	61.8	59.5	90/43	0.01	1.05	1%
WOODLAND HILLS	76.7	43.1	59.9	58.2	92/35	0.00	1.29	0%
LANCASTER ARPT	69.7	31.4	50.5	50.0	84/23	0.00	0.50	0%
SANDBERG	58.0	42.1	50.0	49.2	76/29	0.05	0.82	6%

CAMARILLO ARPT	72.0	44.7	58.3	59.3	85/38	0.00	1.37	0%
SANTA BARBARA ARPT	69.7	43.1	56.4	57.5	79/37	0.00	1.32	0%
SANTA MARIA ARPT	71.2	41.5	56.4	55.5	84/36	0.00	1.24	0%
PASO ROBLES ARPT	68.6	33.2	50.9	52.7	84/23	0.01	1.12	1%

*****DECEMBER 2009*****

RAINFALL FOR THE MONTH OF DECEMBER WAS GENERALLY ABOVE NORMAL ACROSS THE REGION...EXCEPT SLIGHTLY BELOW NORMAL IN THE ANTELOPE VALLEY. TOTAL RAINFALL FOR THE MONTH GENERALLY AVERAGED 110 TO 130 PERCENT OF NORMAL...EXCEPT LOCALLY UP TO AROUND 150 PERCENT OF NORMAL. IN THE ANTELOPE VALLEY...RAINFALL WAS AROUND 80 PERCENT OF NORMAL.

AVERAGE TEMPERATURES FOR THE MONTH WERE GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS MOST OF SOUTHWESTERN CALIFORNIA...EXCEPT LESS THAN A DEGREE BELOW NORMAL IN THE ANTELOPE VALLEY. FROSTS AND LOCAL FREEZES AFFECTED SOME COASTAL AND VALLEY AREAS TOWARD THE END OF THE MONTH...WITH THE EXCEPTION OF THE LOS ANGELES COUNTY COASTAL PLAIN AND IMMEDIATE BEACH AREAS OF VENTURA COUNTY.

A COLD FRONT MOVING THROUGH THE EASTERN PACIFIC BROUGHT RAIN AND MOUNTAIN SNOWS TO THE REGION ON THE 7TH. SELECTED RAINFALL TOTALS INCLUDED 2.65 INCHES AT SAN MARCOS PASS...2.09 INCHES AT PATERA RANCH IN THE SANTA YNEZ MOUNTAINS...1.93 INCHES AT SANTA BARBARA AIRPORT...1.84 INCHES AT LAKE CASITAS...1.78 INCHES AT GOLETA FIRE STATION...1.70 INCHES AT SUDDEN PEAK...1.66 INCHES AT MATILIJA DAM...1.47 INCHES AT OJAI...1.46 INCHES AT LONG BEACH...1.42 INCHES AT TANBARK...1.22 INCHES AT SAN GABRIEL DAM...1.11 INCHES AT CHATSWORTH RESERVOIR...1.09 INCHES AT CLAREMONT...0.99 INCHES IN AGOURA HILLS AND AT LOS ANGELES AIRPORT...0.95 INCHES AT DOWNTOWN LOS ANGELES...0.74 INCHES AT VAN NUYS...0.70 INCHES AT BURBANK...AND 0.67 INCHES AT SANTA MARIA. RAINFALL OF 0.83 INCHES AT UCLA ON THE 7TH SET A NEW RAINFALL RECORD FOR THE DAY.

IN THE MOUNTAINS...NEW SNOW ACCUMULATIONS INCLUDED 14 INCHES AT MOUNTAIN HIGH AT 7000 FEET...11 INCHES AT CUDDY VALLEY AT 5900 FEET...10 INCHES AT WRIGHTWOOD AT 6200 FEET AND PINE MOUNTAIN AT 5800 FEET...7.5 INCHES AT FRAZIER PARK AT 5000 FEET...6 INCHES AT LOCKWOOD VALLEY AT 5500 FEET...5 INCHES AT LAKE OF THE WOODS AT 5000 FEET...1.5 INCHES ON INTERSTATE 5 AT FORT TEJON AT 4500 FEET...1 INCHES AT LLANO AT 3200 FEET...AND A TRACE AT BOTH LANCASTER AND PALMDALE AIRPORTS.

BEHIND THE FRONT...PEAK WIND GUSTS INCLUDED 62 MPH AT CAMP NINE...59 MPH AT SAUGUS...54 MPH AT LAKE PALMDALE...51 MPH AT WARM SPRINGS...49 MPH AT MALIBU HILLS...AVALON AIRPORT AND POPPY PARK...46 MPH AT OXNARD AND POINT MUGU...AND 40 MPH AT LOS ANGELES AIRPORT.

ON THE 9TH...A NEW RECORD DAILY LOW OF 27 DEGREES WAS SET AT WOODLAND HILLS...WHILE A LOW OF 38 DEGREES AT UCLA TIED A RECORD FOR THE DAY.

ANOTHER FRONTAL SYSTEM BROUGHT RAIN TO THE REGION LATE ON THE 10TH INTO THE 11TH...WITH SHOWERS LINGERING INTO THE 12TH. RAIN WAS MOSTLY ON THE LIGHT SIDE. ANOTHER...MUCH STRONGER COLD FRONT PUSHED ACROSS THE REGION ON THE 12TH INTO THE 13TH...WITH LITTLE BREAK BETWEEN SYSTEMS.

DURING THE AFTERNOON OF THE 12TH...MUD AND DEBRIS FLOWS OCCURRED ON ANGELES CREST HIGHWAY...STRANDING 60 VEHICLES IN ONE LOCATION AND 30 IN ANOTHER. NO INJURIES WERE REPORTED.

GUSTY SOUTH TO SOUTHWEST WINDS ALSO AFFECTED THE REGION ON THE 12TH. PEAK WIND GUSTS INCLUDED 75 MPH AT GRASS MOUNTAIN...70 MPH AT WRIGHTWOOD...64 MPH AT BIG PINES...60 MPH AT CLEAR CREEK...58 MPH AT VALYERMO...55 MPH AT CAMP NINE AND CHILAO...52 MPH AT POPPY PARK...51 MPH AT LAKE PALMDALE...48 MPH AT WILEY RIDGE...VANDENBERG AND PALMDALE...AND 46 MPH AT BRANCH MOUNTAIN.

ON THE 12TH...DAILY RAINFALL RECORDS WERE SET AT BURBANK AIRPORT WHERE 0.97 INCHES OF RAIN FELL...AT LONG BEACH AIRPORT WHERE 0.76 INCHES FELL...AND AT LOS ANGELES AIRPORT WHERE 0.64 INCHES WAS REPORTED.

ON THE 13TH...A DAILY RECORD RAINFALL OF 0.22 INCHES WAS SET AT CAMARILLO AIRPORT AND A NEW DAILY RECORD OF 0.05 INCHES WAS SET AT LANCASTER AIRPORT.

RAINFALL TOTALS FROM LATE THURSDAY THE 10TH THROUGH THE MORNING HOURS OF SUNDAY THE 13TH INCLUDED 6.73 INCHES AT ROCKY BUTTE...6.10 INCHES AT WEST FORK HELIPORT...5.86 INCHES AT TANBARK...5.56 INCHES AT MOUNT BALDY...5.24 INCHES AT SAN GABRIEL DAM...5.08 INCHES AT NORDHOFF RIDGE...4.69 INCHES AT MOUNT WILSON...4.53 INCHES AT WHITE LEDGE PEAK...4.28 INCHES AT LOPEZ RECREATION AREA...4.12 INCHES AT CAMP NINE...4.08 INCHES AT BLACK MOUNTAIN...4.02 INCHES AT ROSE VALLEY...3.94 INCHES AT MORRIS DAM AND EATON DAM...3.92 INCHES AT SAN ANTONIO DAM...3.86 INCHES AT BIG DALTON DAM AND SAN MARCOS PASS...3.74 INCHES AT SESPE CREEK NEAR FILLMORE...3.70 INCHES AT MONTE NIDO FIRE STATION IN THE SANTA MONICA MOUNTAINS...3.47 INCHES AT SEPULVEDA CANYON...3.28 INCHES AT SAN LUIS OBISPO...3.27 INCHES AT REFUGIO PASS...2.89 INCHES AT CLAREMONT...2.88 INCHES AT LAKE CASITAS...2.80 INCHES AT PACOIMA DAM...2.73 INCHES AT OJAI...2.56 INCHES AT EAGLE ROCK RESERVOIR...2.47 INCHES AT SANTA FE DAM...2.36 INCHES AT BIG ROCK MESA...2.26 INCHES AT DEL VALLE...1.93 INCHES IN AGOURA HILLS...1.87 INCHES AT BURBANK AIRPORT...1.84 INCHES AT VAN NUYS AIRPORT...1.78 INCHES IN DOWNTOWN LOS ANGELES...1.64 INCHES AT THE NATIONAL WEATHER SERVICE IN OXNARD...1.59 INCHES AT SANTA MARIA...1.41 INCHES AT SANTA BARBARA AIRPORT...0.96 INCHES AT LOS ANGELES AIRPORT...0.92 INCHES AT LONG BEACH AIRPORT...0.75 INCHES AT LANCASTER AIRPORT AND 0.74 INCHES AT PALMDALE AIRPORT.

ON THE 17TH....GUSTY NORTHWEST TO NORTH WINDS AFFECTED THE MOUNTAINS OF LOS ANGELES AND VENTURA COUNTY AND THE SANTA CLARITA VALLEY. PEAK WIND GUSTS INCLUDED 58 MPH AT WHITAKER PEAK...56 MPH AT MALIBU HILLS...47 MPH AT WILEY RIDGE...42 MPH AT CAMP NINE AND 41 MPH AT NEWHALL PASS.

WINDS SHIFTED TO THE NORTHEAST ON THE 18TH INTO THE 19TH...AND PEAK WIND GUSTS INCLUDED 66 MPH AT LAGUNA PEAK...59 MPH AT WILEY RIDGE AND 51 MPH AT CHILAO.

A VIGOROUS UPPER LOW DROPPED SOUTHWARD THROUGH INTERIOR CALIFORNIA ON THE 21ST AND 22ND. ITS COLD FRONT BROUGHT MOSTLY LIGHT RAIN TO THE REGION LATE ON THE 21ST INTO THE MORNING OF THE 22ND. WHILE RAINFALL GENERALLY AVERAGED ONE TENTH OF AN INCH OR LESS...SOME OF THE HIGHER RAINFALL TOTALS INCLUDED 0.48 INCHES AT SAN ANTONIO DAM...0.32 INCHES AT SANTA MARIA...0.20 INCHES AT LOS ALAMOS...AND 0.19 INCHES AT SAN GABRIEL DAM AND BIG DALTON DAM.

THE MAIN STORY WITH THIS STORM SYSTEM WAS THE WIDESPREAD STRONG NORTHWEST TO NORTH WINDS WHICH DEVELOPED BEHIND THE FRONT. PEAK WIND GUSTS INCLUDED 78 MPH AT WHITAKER PEAK...66 MPH AT WARM SPRINGS AND

CAMP NINE...65 MPH AT CHILAO...64 MPH AT SANDBERG...59 MPH AT SAUGUS AND LANCASTER AIRPORT...56 MPH AT POPPY PARK AND MALIBU HILLS...55 MPH AT NEWHALL PASS AND LAKE PALMDALE...54 MPH AT POINT MUGU...53 MPH AT PALMDALE AIRPORT AND MONTECITO HILLS...AND 40 MPH AT VAN NUYS AIRPORT.

ALSO BEHIND THE COLD FRONT...A COLD AIR MASS BROUGHT FROST AND LOCAL FREEZING TEMPERATURES TO WIND SHELTERED LOCATIONS IN THE VALLEYS OF LOS ANGELES AND VENTURA COUNTY AND ALL BUT THE IMMEDIATE BEACH AREAS OF THE VENTURA COUNTY COAST ON THE MORNINGS OF THE 23RD AND 24TH. THE LOW TEMPERATURE OF 32 DEGREES AT CAMARILLO AIRPORT ON THE 23RD TIED A RECORD FOR THE DATE.

A WEAK FRONTAL SYSTEM BROUGHT SOME LIGHT RAIN TO AREAS NORTH OF POINT CONCEPTION ON THE 26TH INTO THE 27TH. RAINFALL TOTALS WERE MOSTLY AROUND ONE TENTH OF AN INCH OR LESS...BUT ROCKY BUTTE RECEIVED 0.59 INCHES OF RAIN...AND LAS TABLAS RECEIVED 0.52 INCHES OF RAIN.

ANOTHER WEAK FRONTAL SYSTEM BROUGHT LIGHT RAIN TO MOST OF THE REGION ON THE 30TH. RAINFALL TOTALS WERE ONE QUARTER OF AN INCH OR LESS OVER THE ENTIRE SOUTHLAND. ONLY A TRACE OF RAIN FELL IN THE ANTELOPE VALLEY.

.....CLIMATE DATA FOR DECEMBER 2009.....

	AVG	AVG	AVG	NORM	MONTH	TOTAL	NORM	
PRECIP	HIGH	LOW	MONTH	MONTH	XTRMS	PRECIP	PRECIP	%
NORM	-----							
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L.A. DOWNTOWN	66.1	48.8	57.4	58.5	80/39	2.89	1.91	151%
L.A. ARPT	63.6	48.8	56.2	57.6	76/39	2.05	1.79	115%
LONG BEACH ARPT	64.9	46.1	55.5	57.1	70/36	2.46	1.76	140%
UCLA	66.0	50.0	58.0	58.6	81/38	3.86	2.39	162%
BURBANK ARPT	63.3	43.6	53.5	54.6	78/33	2.68	2.15	125%
WOODLAND HILLS	64.6	38.8	51.7	53.6	77/27	3.01	2.38	126%
LANCASTER ARPT	55.9	28.4	42.2	42.8	67/19	0.75	1.01	74%
SANDBERG	46.7	34.5	40.6	42.5	60/19	1.11	2.17	51%
CAMARILLO ARPT	63.8	41.4	52.6	55.9	80/32	1.65	2.11	78%
SANTA BARBARA ARPT	61.7	40.4	51.0	53.2	74/32	3.44	2.26	152%
SANTA MARIA ARPT	61.4	39.8	50.6	51.6	73/29	2.53	1.84	138%
PASO ROBLES ARPT	56.9	35.4	46.1	47.1	69/23	2.20	1.73	127%

THE FOLLOWING IS A TABLE OF TOTAL RAINFALL FOR THE 2009 CALENDAR YEAR FROM JANUARY 1ST THROUGH DECEMBER 31ST...NORMAL RAINFALL FOR THE SEASON...AND PERCENT OF NORMAL SEASONAL RAIN FOR SOME SELECTED LOCATIONS IN SOUTHWESTERN CALIFORNIA

	TOTAL RAIN 1/1/09-12/31/09	NORMAL RAIN 1/1-12/31	PERCENT OF NORMAL
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PASO ROBLES AIRPORT	8.46	13.08	65%
SANTA MARIA	9.84	14.01	70%
SANTA BARBARA	13.21	16.93	78%

JUNCAL DAM	21.79	31.15	70%
CACHUMA LAKE	12.59	21.86	58%
OXNARD	9.46	15.62	61%
CAMARILLO	6.45	15.62	41%
OJAI	14.69	21.79	67%
L.A. AIRPORT	7.48	13.15	57%
L.A. DOWNTOWN	9.39	15.14	62%
LONG BEACH	7.73	12.94	60%
UCLA	12.52	18.68	67%
BURBANK	9.94	17.49	57%
WOODLAND HILLS	11.48	17.79	65%
MOUNT WILSON	13.30	40.37	33%
SANDBERG	5.83	12.60	46%
LANCASTER	3.67	7.40	50%
PALMDALE	3.53	7.36	49%

*****DOWNTOWN LOS ANGELES CLIMATE SUMMARY FOR 2009*****

(TEMPERATURE AND PRECIPITATION NORMALS ARE TAKEN FROM THE
30-YEAR NORMALS FROM THE 1971-2000 PERIOD)

PRECIPITATION IN INCHES

	TEMPERATURES			TEMP EXTREMES	PRECIPITATION		
	AVG MAX	AVG MIN	AVG		ACTUAL	NORMAL	% NORMAL
JANUARY	74.2	50.8	62.5	88/41	0.34	3.33	10 %
NORMAL	68.1	48.5	58.3				
FEBRUARY	67.0	49.3	58.1	84/41	3.57	3.68	97 %
NORMAL	69.6	50.3	60.0				
MARCH	69.5	52.0	60.7	84/45	0.33	3.14	11 %
NORMAL	69.8	51.6	60.7				
APRIL	72.3	54.0	63.2	100/48	0.03	0.83	4 %
NORMAL	73.1	54.4	63.8				
MAY	75.4	59.7	67.5	90/56	0.00	0.31	0 %
NORMAL	74.5	57.9	66.2				
JUNE	74.5	60.9	67.5	81/57	0.15	0.06	250 %
NORMAL	79.5	61.4	70.5				
JULY	83.8	64.3	74.0	92/60	0.00	0.01	0 %
NORMAL	83.8	64.6	74.2				
AUGUST	84.1	64.4	74.2	101/60	0.00	0.13	0 %
NORMAL	84.8	65.6	75.2				
SEPTEMBER	86.4	66.0	76.2	100/60	0.00	0.32	0 %

NORMAL	83.3	64.6	74.0				
OCTOBER	77.9	59.2	68.5	98/52	2.07	0.37	559 %
NORMAL	79.0	59.9	69.5				
NOVEMBER	74.9	53.0	64.0	87/49	0.01	1.05	1 %
NORMAL	73.2	52.6	62.9				
DECEMBER	66.1	48.8	57.4	80/39	2.89	1.91	151 %
NORMAL	68.7	48.3	58.5				
YEAR	75.5	56.9	66.2	101/39	9.39	15.14	62 %
NORMAL	75.6	56.6	66.1				

* WEATHER RECORDS HAVE BEEN KEPT FOR DOWNTOWN LOS ANGELES SINCE JULY 1877.

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BRUNO/MEIER